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

9 May 1989

Graduate program in journalism

The Council of The University of Wollongong has approved the introduction of a graduate program in journalism from 1990.

Preliminary discussions and surveys of demand indicate a strong need for a comprehensive postgraduate program which equips journalists to interpret and report events to a highly educated population and to exploit modern media techniques. At present, several institutions offer undergraduate majors in journalism or journalism-related fields; there is no graduate school of journalism in Australia.

This University is well placed to take the initiative in the region.. The city and the region offer a self-contained and comprehensive learning environment for the acquisition of reporting skills. Australia's major news organisations are all represented in Wollongong.

A postgraduate program would also tap and build on the skills of present members of the University's staff and fit well within current policies for future development. The major planning objectives arising from the 1989 Planning Conference included the further strengthening of professional education and training on campus. They also underlined the international image and commitment of the University, particularly in the countries around the Pacific rim.



Inspecting Prime TV's state-of-the-art equipment to determine future needs on campus is the Vice-Chancellor, Professor Ken McKinnon. His guide is Mr George Wood, Prime's News Director. In the background are Mr Ken Baumber and Professors Lauchlan Chipman and Jim Hagan

The Chair of the new school will be advertised later this year.



New Head, Planning and Marketing Branch

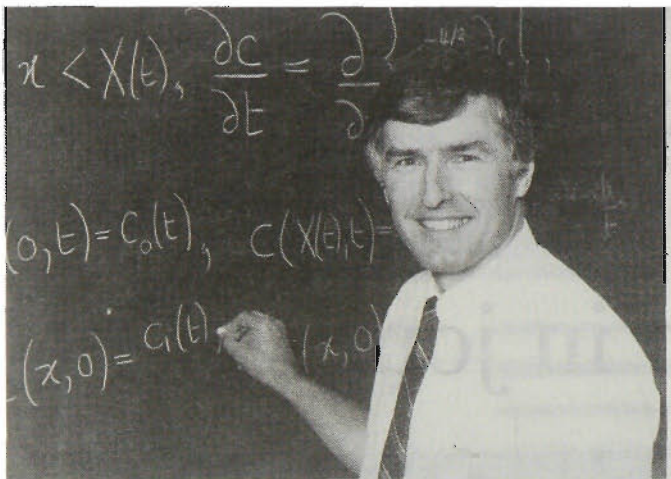
Amanda Lawson has been appointed Head of the Planning and Marketing Branch in the University of Wollongong. A resident of Stanwell Park, Amanda Lawson graduated from the University of Edinburgh in 1976 with a BA, majoring in English Literature.

Since then she has worked in publishing and travel, with a period teaching English in Italy. She moved to Australia in 1982 and established a small importing business before becoming Executive Director of the Crafts Council of NSW in 1986.

Her brief in the Planning and Marketing branch includes strategic planning, the promotion of the University, including schools and media liaison, and the International Office. The branch will be developing a marketing plan for the University, as well as having responsibility for the majority of publications.

General Notices

University Chair Awarded



The University Chair at The University of Wollongong has been awarded to Dr J. M. Hill of the Mathematics Department. A University Chair, known as a Personal Chair in many universities, is a professorial position created for a particular person as recognition of outstanding academic achievement.

Ethics and Biosafety clearance for research

The University has an obligation to ensure that all research carried out on campus conforms to the ethics requirements of the National Health and Medical Research Council. To accomplish this, the University has two Ethics committees and a Biosafety Committee which, where appropriate, must provide clearances for both funded and unfunded research.

In particular, it should be noted that it is not only projects which are of an obvious clinical or medical nature which require clearance from the Human Experimentation Ethics Committee. The guidelines under which the University is required to operate are cast in such broad terms that a great deal of research carried out in the Faculties of Arts and Education fall within them.

It is the responsibility of the individual researcher to ensure that, where necessary, clearances are obtained from the relevant committee.

The University's two Ethics committees are as follow:

The Human Experimentation Ethics Committee

Chairperson: Professor Lauchlan Chipman

Before conducting any research investigation or teaching demonstration involving human subjects (including the use of questionnaires or other interviewing techniques), staff and students are required to obtain approval from the Human Experimentation Ethics Committee.

The Animal Experimentation Ethics Committee

Chairperson: Professor Bill Lovegrove

Research or teaching demonstration by staff or students which uses animals must be approved by the

Professor Hill has had an outstanding record of research achievement in various areas of applied mathematics. One of these areas is finite elasticity, which is concerned with the behaviour of highly deformable materials, such as rubber or those with rubber-like properties. Such materials are widely used as components in machinery, and it is of practical and commercial interest to be able to predict the performance of such components. Another one of these areas is diffusion, which concerns the mathematics of physical processes such as melting, solidification, and the flow of liquids in porous media.

Professor Hill's work is characterised by a high degree of insight into the mathematical formulation of many physical processes of interest to applied mathematicians, engineers and scientists, and by an ability rapidly to investigate the mathematical consequences of such formulations and to translate their conclusions into physical terms.

Professor Hill received his honours degree from the University of Queensland in 1969 and also his Ph.D. in 1972. He came to the University of Wollongong in 1975 after a year at the Darling Downs Institute of Advanced Education and two years as a postdoctoral fellow in the University of Nottingham. He was awarded the degree of Doctor of Science from the University of Queensland in 1988.

[Professor Hill has been appointed to the editorial board of the highly prestigious journal of the Institute of Mathematics and its Applications, published by the Oxford University Press.]

Animal Experimentation Ethics Committee.

The other relevant committee is:

The Biosafety Committee

Chairperson: Professor Helen Garnett

The Biosafety Committee must approve teaching or research which involves the use of ionising radiation, or hazardous chemicals or materials.

Any work done with ionising radiation is to be carried out with the guidance of holders of a radiation licence.

The recombinant DNA Monitoring Committee (Department of Industry, Technology and Commerce) must approve any research which involves the recombinant DNA molecules.

Approval forms for clearance from each of the above Committees are available from Kim Roser in the Office of Research and Postgraduate Studies (ext 3201).

The Anglican Chaplaincy at The University of Wollongong

Invites you to attend its annual University service to be held on Sunday May 14 at 7 pm in St Michael's Anglican Cathedral, Wollongong. Guest Speaker: Rev. Dr W.J. Lawton, Dean of Students, Moore Theological College, Sydney.

Those joining the Academic Procession are requested to robe.

Supper will be served at the conclusion of the service. RSVP by May 5. to Rev. Raymond Heslehurst on 29 5561.

This week's Graduation ceremonies

Some 1,200 students will graduate at the four graduation ceremonies to be held from tomorrow May 10 to May 12 in the Sports Hall, Recreation and Sports Association building. Details are:

Wednesday May 10 – 2.30 pm

Commerce: All Commerce and Management degrees and diplomas, including AssocDipAdmin, AssocDipCompApp, and GradDipEd Stud (School Admin).

Mathematical Sciences: All Mathematics and Computing Science degrees and diplomas.

Speaker: Mr Gerry Freed, BLE Capital Limited, Fellow of the University.

Thursday May 11 – 9.45 am

Arts: All Arts and Creative Arts degrees and diplomas.

Speaker: Dr Marion Adams, Dean, Faculty of Arts and Head of Germanic Studies, The University of Melbourne.

Thursday May 11 – 2.30 pm

Education: BEd (external conversion courses only)

Science: Science, Human Movement and Nursing.

Speaker: Mr P. Songo, High Commissioner, Papua New Guinea High Commission in Australia.

Friday May 12 – 9.45 am

Education: BEd (excluding external conversion courses), all other Education degrees and diplomas.

Engineering: All Engineering degrees and diplomas.

Speaker: Professor P. LeP Darvall, Dean, Faculty of Engineering, Monash University.

N.B. As always on Graduation Days, parking on campus will be restricted.

Conferring of Degrees and Diplomas

A Graduation Ceremony will be held in October 1989.

Students who expect to complete the requirements for their degrees or diplomas at the end of Session 1 (or who have previously completed requirements and not taken out the degree or diploma) and who wish the award to be conferred at the October Graduation Ceremony, must submit an application for the conferral of the award by 9 June 1989. Application forms are available from the Student Enquiry counter.

Awards will not be conferred unless an application is submitted.

Note for Intending Honours Students

Students who will be enrolling in an honours degree course are not permitted to take out the pass degree and should not submit an application for graduation until the last session of the honours course.

Changes in Planning and Marketing Branch

There have been physical changes in Planning and Marketing Branch. The International Office has been relocated on the ground floor of the Administration Building (Eric Meadows ext 3918) and Planning and Statistics is next door (Sarah Johnstone ext 3945). Marketing remains upstairs where Amanda Lawson is located (ext 3110).

Review of administrative staffing structures

Following a trend of unplanned job growth for departmental secretaries with a resultant classification creep, the Vice-Chancellor initiated a review of departmental administrative structures in June 1988 with the following terms of reference.

Review the present structure and nature of administrative support within academic Departments with particular respect to:

- the changing role of administrative support staff, especially Departmental Secretaries, in recent years.

- the relationship between Departmental and Faculty Administration.

- The respective responsibilities of academic and general staff in Departmental Administration.

Advise on changes which might be appropriate to the existing structure of administrative support, addressing specifically:

- funding or other resource implications and, if relevant, a basis for future funding.

- the appropriateness and thus the potential for flow-on of such changes to all Departments.

Advise on the implications of any changes proposed for existing administrative positions in Departments, especially Departmental Secretaries; and the possible overlap in responsibilities between Departmental staff, Faculty Officers and central Administrative student support staff.

A consultant, Judith Clarke, has been engaged to undertake this review. Judith has an extensive human-resource management history in the tertiary education sector, and has completed similar reviews at Chisholm Institute of Technology, South Australian College of Advanced Education, and most recently at Monash University in Victoria. Judith currently leads a Human Resource Management Project Team at Monash University where she is instrumental in implementing functions such as performance management, career-path and succession planning, job-competency analysis and strategic remuneration planning. Judith has undertaken to complete the Review by 30 June 1989.

Input from all interested parties is essential and to this end Judith would like to meet and discuss issues with Deans, Heads of Departments, all interested staff and union representatives. A round of meetings and an open forum will be held during the week May 22 to 26. In addition to this round of meetings, Judith will be training Faculty Officers to write accurate job descriptions in order that these officers, as well as personnel officers, can assist other staff to write job descriptions which accurately record what their jobs currently entail.

Your co-operation is essential, if you are asked to participate by re-writing your job description. Your co-operation will not only guarantee your input, but will also give Judith the resource material she requires to make clear recommendations on future job definitions and remuneration/classification approaches.

A detailed schedule of meetings will be provided shortly. If you have any questions in the meantime please contact Robyn Weekes, Senior Personnel Officer, on ext. 3929.

Dr Edgar Beale



Dr Edgar Beale. To his rear is a bust of Edward Kennedy, the explorer and an ancestor of Edgar Beale, whose explorations Beale described in his book, 'The Earth Between Them'

Edgar Beale, a founding father of the University of Wollongong, died on Anzac day, 24 April 1989, at the age of 72. Dr Beale was awarded an honorary degree by the University in 1977 as a token of appreciation for his advice on legal matters and his long service to the University.

He was a member of the Wollongong University College Advisory Committee to help establish the University and was elected to the University's governing body, of first the College Council, then from 1975 the University Council; he remained a member until 1978. Dr Beale also helped in the formation of the College, then the University Union; he was a member of its first Board of Management in 1965 and remained on the Board as Council nominee until 1977, on a number of occasions serving as President or Vice-president.

There are tangible signs of Dr Beale's regard for the University, in the books he donated to the Library and the valuable paintings on the walls of the Administration Building. The paintings have significance for the history of the Illawarra in the sea transport of the district's people and products.

Dr Beale was himself connected with Illawarra's oldest colonial families, the Osbornes and Charles Throsby Smith. He became an authority on the history of the district, writing many articles for the *Bulletin of the Illawarra Historical Society*, of which he was the President until 1986. He wrote the text for *Illawarra Sketchbook* (1976) and the Silver Jubilee History of the Illawarra Grammar School (1984); Dr Beale helped to found the school and remained a member of its board of governors until his death. He was deeply interested in the work of explorers, reproducing the journals and commenting on the travels of Kennedy and Sturt. The Illawarra Historical Society will publish, posthumously, his study of Backhouse and Walker's Illawarra journey.

Historian, lawyer, community worker and pioneer of the University of Wollongong, Dr Beale's name belongs in the University's honour roll.

Accommodation required for Japanese Teachers of English July 23 to August 11

Homestay accommodation is sought for a group of Japanese teachers of English from the Tokyo district.

They will be attending a Winter School on Australian Studies at The University of Wollongong from July 23 to August 11.

Breakfast and evening meal need to be provided. University staff are being sought who can provide this service.

Remuneration is \$100 per week in advance for the three-week period.

The cross-cultural exchange which this arrangement will provide will be of great importance to the success of the Winter Schools.

Anyone interested in taking part in the program or requiring further information should contact Graham Frost at Uniadvice on 3076.

Annual Report Award and Presentation Dinner

Presentation of the 39th Annual Report Awards of the Australian Institute of Management will be held at a formal dinner at the Regent Hotel on Monday May 29.

Guest speaker will be Mr Hugh McKay, Director of The Centre for Communications Studies.

The Australian Institute of Management has made substantial advances in encouraging improved communications, through the medium of the annual report, between management and shareholders, members, employees and the general public.

The Annual Report Awards will be sponsored and hosted by the Australian Institute of Management NSW limited for the last time at this presentation dinner. After 39 years of involvement, AIM believes that the objectives of the Awards could best be served by a new sponsor.

It is thus pleasing to announce that *Australian Business* magazine will take on the administration and promotion of the Awards from 1990 onwards. Responsibilities will be formally exchanged immediately following this year's Awards presentations.

If you would like to attend this informative and enjoyable evening, please advise AIM of the names of those attending.

Mr Ken Baxter, Deputy Director General of the Premier's Department, and General Manager of the Office of Public Management, will be guest speaker at the Illawarra Branch's June members' meeting. He will speak on the Special Executive Service which has been recently introduced into the NSW Public Service.

Date: Thursday, June 22;

Time: 5.30 pm - drinks, followed by a light meal;

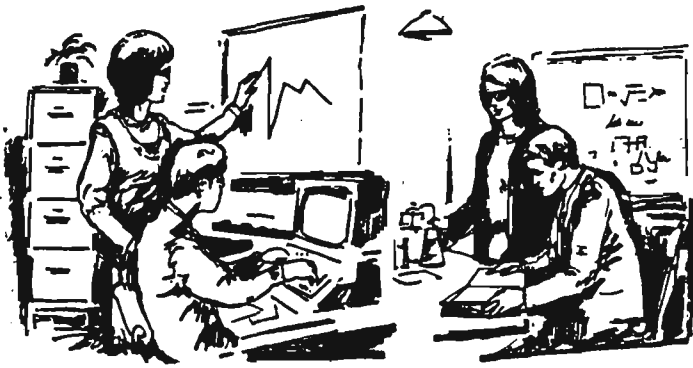
Venue: Illawarra County Council Building, 7th Floor, Bridge Street, Coniston.

John Blake Conference

The University community generally will be disappointed to learn that Professor John Blake, of the Department of Mathematics, is leaving for the United Kingdom. He is to become Head of Mathematics at the University of Birmingham.

To mark his departure, Applied Mathematics academics Australia-wide are arranging in his honour a one-day conference to be held at the University of Wollongong on Friday June 16.

Further information on the conference from Professor J.M. Hill (tel 27 0822) or Traci Carse (tel 27 0845).



Staff Roundup

Staff Development Courses

June 8: University Finances – Academic Staff

June 14-15: Career Development for Academic Staff
Inquiries to Peg MacLeod 3917.

If you are interested in attending either of these courses please submit a blue nomination form to Personnel by the RSVP date.

May 12: Time Management Workshop

May 24-25: Selection Techniques Workshop

The courses have been over-subscribed. If you would like to attend, however, please submit a blue nomination form and if there is sufficient interest we may be able to reschedule a second workshop later in the year.

Inquiries: Shirley Jorgensen, ext 3946.

Teaching and Learning Styles Workshops

Super Learning Workshops for Educators on New Trends in Learning Styles are to be given in Australia by Michael Grinder this year.

Workshops on teaching skills will be held in Sydney from September 23 to 26, in Canberra from September 28 to October 1 and from Melbourne from October 3 to October 6.

A Presentation Styles Workshop will be held in Melbourne from October 6 to 8.

The general sponsor, from whom more detailed information is available, is Dr Lindsey F. Smith (retired from the Department of Physics at this University), 1 Kennedy Road, Austinmer, NSW 2514.

EEO news....

Are you interested in serving on the EEO Committee?

The Equal Employment Opportunity Committee met on Monday, April 24. This committee acts as an advisory body to the EEO Co-ordinator on issues relating to equal employment opportunity at the University and advises and assists through sub-committees on the review and implementation of policies which promote equal employment opportunity.

The EEO Committee meets once each session and has a number of active sub-committees: Disability; Sexual Harassment; three Conditions of Employment—Academic, General, and Part-time staff; and an Academic Women's Co-ordinating Committee.

The composition of the EEO Committee is widely representative of University staff with the four major unions on campus as well as members from all EEO target groups.

The four major unions on the committee represent the views of approximately 97 per cent of the workforce of the University. The other six small unions comprise a total of 29 members. In order to give all employees of the University a voice on EEO matters, the EEO Committee determined that these six unions be invited to elect one representative to the Committee.

I would be interested in hearing from staff members from these unions who would be interested in being on the EEO Committee. If more than one nomination is received an election will be held. Interested staff are invited to ring the EEO Unit on 3917 for further details. Peg MacLeod

Books Recived

Talk Sense to Yourself

Jeffrey Wragg

This important new book for teachers, school counsellors, guidance personnel, welfare teachers, psychologists and students of behaviour modification focuses on the development of self-control and self-management skills for children and adolescents.

The material is organised into three separate yet complementary programs and can be used within an educational or counselling setting. In every school there will be individuals who may in fact require the use of all three programs. Other students in the school may fit more closely into one of the three programs. Each program, while being complementary of the others in terms of helping children and adolescents develop more adaptive levels of functioning and on-task behaviour, is different because of the manner in which retraining occurs.

The first unit, *Talk Sense to Yourself*, focuses on a program for individuals or small groups using cognitive self-instruction and behaviour rehearsal approaches. The unit has been developed in order to assist schools, guidance personnel or clinics to train children in more adaptive ways of behaving.

The second unit, *Monitoring and Cueing for Behaviour Change*, is for use by all teachers who are working to assist individual student gain control of impulsive and disruptive behaviour. Monitoring and cueing approaches may be used with children between the ages of five to 15 years as a self-management strategy to shape self-control within a classroom setting.

The third unit, *On Task Training for Children with Attention Deficit Disorders and Hyperactivity*, is designed to improve attention span, self-control and academic-engaged time of students. The target group can be individual students, groups or whole classes. Children and between five to ten who have been identified as impulsive, hyperactive or attention deficit disordered are regarded as the main targets.

The practical techniques and skills presented in this book have been developed over many years of research and practice. The focus on issues regarding school disruption and the development of skills such as on-task training or cognitive-behavioural retraining and restructuring makes this book an essential reference for any school.

Jeffrey Wragg lectures in psychology at the University of Wollongong.

Talk Sense to Yourself (ACER), Melbourne, 1989
ISBN 0-86431-037-4, 110 pages, \$19.95.

Research Funds

The sources of research funds given below are available to members of academic staff. Further information including application forms may be obtained from Kim Roser (ext 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Postgraduate Studies.

Law Foundation of New South Wales

The Law Foundation of NSW invites applications for its funding programs for 1989.

1. General Grants Program

Grants of up to \$50,000 are available for innovative projects or research falling within the objectives and goals of the Law Foundation.

Applications close with the University on May 17.

2. Travelling Fellowships

The fellowships are to enable people directly involved in or concerned with the administration of the law and legal system to undertake overseas study tours.

Applications close with the University on July 15.

Scholarships, Fellowships and Prizes

Rothmans Fellowships

Applications are invited for Rothmans Fellowships awarded to enable fellows to undertake postdoctoral research within an Australian University. Valued at \$26,500, the fellowships are awarded initially for one year and may be renewed for a second year. The fellowships are open to graduates and must be taken up before the fellow attains the age of 30.

Applications close with the University on June 16.

NH&MRC Medical and Dental Scholarships

The National Health and Medical Research Council is offering scholarships to medical or dental graduates to gain full-time research experience. The scholarships are open to graduates who are Australian citizens or those who have permanent resident status and are currently residing in Australia. Awarded initially for one year, the scholarships may be renewed subject to suitable progress.

Applications close with the University on June 16.

National Energy Innovation Awards

The Department of Primary Industries and Energy invites nominations for the 1988 National Energy Innovation Awards from every sector of business and research whose enterprise and achievements in the energy field have been outstanding. Nominations are called for in these categories:

- Innovative energy production research and development;
- Innovative R & D relating to the efficient use of energy;
- R & D into, and the efficient management of, transport fuel use;
- Energy management in industrial/commercial processes;

- Energy management in buildings design and operation;
 - Energy management in local government;
 - Outstanding achievement in energy research, and
 - Energy manager of the year.
- Applications close with the University on June 7.

St John's College, Cambridge

The council of St John's College, Cambridge, invites application for a Benians Fellowship for 1990-91. Election to the Fellowship is made for an academic year. Applicants able to be in the United Kingdom for less than nine months will not be considered. The fellow will be entitled to a college room and an honorarium of 1,250 pounds a year.

Applications close with the University on August 18.

Corpus Christi College Visiting Fellowships

The College invites applications from distinguished scholars for non-stipendiary visiting fellowships for one to three terms on its graduate campus.

Application close with the University on September 14.

Previously noted in Campus News

	<i>Internal Closing Date</i>
NHFA Grants-in-Aid for Educational Research	May 17
National Heart Foundation Grants	May 17
National Multiple Sclerosis Grants	May 17
National Occupational Health and Safety Research Awards (Worksafe)	May 19
Clive and Vera Ramaciotti Foundation Grants	June 16
R V Franklin Ship Time	June 16
Selby Fellowships	June 16
Academy of Humanities Travel Grants	June 16
Rikkyo Fellowships	June 16
Boden Research Conferences	June 17
Academy of Science UK Exchange Program	June 17
White Research Conferences	June 19
Matsumae Fellowship	August 17
AINSE Fellowships	August 17
National Multiple Sclerosis Scholarships	August 17
AFUW (Qld) Fellowships	September 16
Australia-Japan Foundation Visits	September 17
Japan Society Exchange Program	September 19
Academy of Science China Exchange Program	November 17
Health and Community Services Research Grants	Any time

Friends of the University

Encompassing-Graduate Group
Community Involvement Committee
Projects Committee
Bequests and Benefactions Committee

What's on

May 10, 11, 12

University Graduation days.

May 19

Friends of the University Annual General Meeting, 5 pm. There are over 1,000 members. Come and have your say on the future direction of the Friends.

Concerts, Exhibitions and Entertainment

Mother Courage

In January, 1949, in The Deutsches Theater in Berlin the curtain went up on a brilliantly lit stage and a dusty tattered wagon came rolling on carrying Mother Courage and her family, 'Suddenly, in this still devastated city, hovering between peace and war, the world could see one of the unforgettable images of our time.' (Willett)

Brecht wrote *Mother Courage* in 1936-38 as a warning to his countrymen of the consequences of the path Hitler was taking. He wrote it in an exile that continued from Scandinavia to America and lasted until after the war. When he produced the play in 1949, he believed its message was still relevant - that war brings not only suffering but also the inability to learn from it. No doubt he would still believe so today.

In the key role of Mother Courage herself, Theatre South's Associate Director, Faye Montgomery, faces the greatest challenge of her career.

Other members of the cast include Andrew James, Charles Hambling, Lisa Scott-Murphy, Jeff Kevin, Michael Coe and Frank Gallagher. The production is designed by John Senczuk, lighting design by Ian McGrath and directed by Des Davis.

Mother Courage is a co-production with the School of Creative Arts of the University of Wollongong. Staff of the school are involved as well as third-year acting students in minor roles and other students on the production team.

The play will run to May 20. Bookings from Theatre South, tel. 29 6044.

The University of Miami Singers

The University of Miami Singers, under the direction of Dr Lee Kjelson, is a unique choral ensemble. Composed of 36 select choral musicians, instrumentalists, dancers and sound engineers, a Singer' performance includes a highly diversified program that has delighted audiences throughout the world.

The Singers are to be in Australia this month and will present a two-hour concert at the Performing Arts Centre, Wollongong on May 23 at 8 pm.

International travel over the past seventeen years have included highly successful concert tours in Italy (1973), Austria (1974), Rumania (1975, 1976), Poland (1977), England (1978), Soviet Union (1979), Rumania-Greece (1980), Spain (1981), Hawaii (1984), Hong Kong-Japan-Korea (1985), the western United States-Canada (1986), England-Wales-Belgium (1987), and Poland-Hungary (1988).

Invitation to the Dance

The Illawarra Choral Society presents "Invitation to the Dance" at the music auditorium, University of Wollongong, on Monday May 15 at 8 pm. This, the first of three concerts scheduled for 1989, is a medley of musical, choral and dancing movements.

Guest duo-pianists Helga Christie and Pamela Rouse will perform The Norwegian Dances by Brieg. Resident choral society pianist, Keith Baxter, will be assisted by Cori Dymet as they accompany the choir in Brahms' *Love*

Song Waltzes, written for mixed voices and piano duet.

An unusual musical composition, The Japanese Lantern Dance by Yoshitomo, arranged by C. Mahr, will be performed by the South Coast Accordion Ensemble who will demonstrate their versatility in other pieces, including Waltzes by Johanne Strauss.

Another facet of the program will be highland dancing by the acclaimed Dianne Blaas Highland Dancers, whose average age is only 17. The three members who are dancing at this concert are Debra Vissers, Kellie May and Denise Heridt, who have competed in, and won many competitions throughout New South Wales.

The finale of the concert will be a choral work *The Polevstian Dances* by the Russian composer Borodin, which is interesting in its contrasts in both moods and style.

Choral sections of the program will be conducted by Robert Smith, the well-known and highly respected musical director, arranger and composer, and lecturer in music education at Wollongong University.

Tickets are obtainable from Jurgens, Choral Society members or by phoning 84 5529 or 61 8894, or at the door.

Nadia Kokot in Concert

Concert pianist, member of the Friends of the University, Nadia Kokot, is to give another concert on Friday May 12, with the focus on 'the king of ragtime writers', Scott Joplin. Nadia will talk about Joplin's life and times, and show slides of America during the ragtime era.

Her concert (20 ragtime numbers) will be given in company with members of the Sydney Palm Court Orchestra

The concert will be held in the Performing Arts Centre at 8 pm.

Admission price is \$12 (\$8 concession).

For telephone bookings the number is (042) 26 3366.

Art and War – Exhibition of Melanesian War and Ceremonial Clubs

The School of Creative Arts in The University of Wollongong is holding the most comprehensive exhibition of Melanesian war clubs ever staged in Australia.

The exhibition is being shown in the Long Gallery, The University of Wollongong. It is open to the public until Sunday May 14.

Opening times are: Mondays to Fridays 9.30 am to 12.30 pm and 1.30 pm to 3.30 pm, Sundays 1.30 pm to 4 pm.

Melanesia includes the islands of New Guinea, New Britain, New Ireland, The Solomon Islands, Vanuatu, Fiji and New Caledonia and has a population of about five million people.

Warfare in Melanesia ranged from head-hunting expeditions to formal battles between villages. In the latter, casualties were low since the battle was usually concluded when one or two warriors had lost their lives.

Melanesia produces the finest and greatest variety of war and ceremonial clubs of any region in the world. During the 19th century, tens of thousands of clubs were collected by missionaries, colonial administrators, sailors and travellers. In the exhibition some 120 different types of clubs, from every part of Melanesia, are shown. The clubs are drawn from private and museum collections in New South Wales.

The great variety of clubs is due partly to differences in function. Some clubs are thrown, others hand-held, some crush bones, others snap them, some rip flesh, others pierce it, and some double as shields or arrow deflectors. Some clubs are used in the fighting, some only in ceremonies and others serve both purposes.

Much of the attraction of tribal war clubs lies in the tension between beauty and violence embodied in them. They show human ingenuity at work inventing ever new means of injury and death, but also an aesthetic urge to make objects which are superbly shaped, proportioned and decorated.

Tribal war clubs also feed our nostalgia: our yearning for a time when the deadliest weapons could kill only one opponent at a time and the death of one warrior signalled the end of the battle.

200+ years of Australia and the Illawarra in 20 frames and ceramics

The President and the Board of Management of The University of Wollongong Union have pleasure in inviting you to an exhibition of paintings and ceramics by Brian Stewart and Paul Counsel to be officially opened by the Honourable L.F. Bowen, MP. The Deputy Prime Minister and the Attorney General in the Bistro (upstairs Union Building) on Monday May 15 at 6 pm. (Light refreshment will be available).

RSVP Union office telephone 29 7833 (int. ext. 3781) Thursday May 11.

The Bistro Restaurant will open at 7 pm to 8.30 pm (Last orders 8 pm).

The exhibition will continue until Friday May 26.

Seminars

Department of Chemistry

Date and Time: Friday May 19, 11.30 am

Venue: Room 18.206

Speaker: Dr Matthew Bolte, Coopers Animal Health Ltd

Topic: *The levamisole story*

Department of Computing Science

Date and Time: Friday May 12, 1.30 pm

Venue: Room 15.206A

Speaker: Dr Claude Sammut, Department of Electrical Engineering and Computer Science, The University of NSW

Topic: *Machine Learning and Expert Systems*

Visitors parking on University grounds will be charged a parking fee of \$1.00. This fee will be reimbursed by the department.

Alex Zelinsky,
Convenor

Combining and Updating Expert Knowledge

The Civil and Mining seminar explores fundamental aspects of uncertainty modelling in expert systems and focuses on various approaches to combine and update expert knowledge. Fuzzy sets, the MYCIN model and Bayesian statistics will be briefly reviewed to illustrate methods of combining expert estimates in a real-life engineering application.

Speaker Dr V.U. Nguyen

Date and Time: Friday May 12, 12.30-1.30 pm

Biomedical Evening Series

Each seminar will be preceded by dinner at the Union Bistro at 6.30 pm. All those interested are welcome to meet the speaker at the Bistro. Please contact the Convenor so that appropriate table bookings can be made. The seminar begins at 8.30 pm in lecture room G19 building 35.

Convenor: Dr E.J. Steele (042) 27 0434

Date: Wednesday May 17

A seminar sponsored by Commonwealth Serum Laboratories.

Speaker: Dr Karen Walker, Clinical Immunology Research Centre, University of Sydney.

Topic: *Monoclonal antibodies for radioimmunoassay and therapy.*

School of Learning Studies

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

Date: May 17

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

Speaker: Ms Jan Wright.

Date: May 24

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

Speaker: Dr Noeline Kyle.

Department of Civil and Mining Engineering Research Series

Venue for the seminars will be Room 138 Building 4, Photogrammetry Laboratory. Morning tea will begin half an hour before each session. All postgraduate students of the Department are expected to attend; all others are welcome.

Date and time: May 12, 12.30 to 1.30 pm.

Speaker: Dr V.U. Nguyen.

Topic: *Updating Expert Knowledge.*

Date and time: May 19, 12.30 to 1.30 pm.

Speaker: Professor Y.C. Loo.

Topic: *Integrated Design of Multi-Storey Reinforced Concrete Flat Plates on Personal Computers.*

For further information contact the Secretary, Department of Civil and Mining Engineering, The University of Wollongong, NSW 2500. Tel: (042) 27 0040, Fax (042) 26 0238.

Biology Seminars Session 1

Biology Department, Building 35 G19, 12.30 pm.

Tuesday May 9 – Dr John Andrews, Research School of Biological Science, ANU, *Subunit interaction and mechanism of Rubisco.*

Tuesday May 16 – Dr Steve Handell, Rutgers University (visiting the School of Biological Science, Macquarie University), *Plant population structure and pollination dynamics.*

Tuesday May 23 – Dr Karen Chad, School of Health Sciences, The University of Wollongong, *Metabolic rate: mechanisms and physiological significance in the prevention and treatment of mild obesity.*

Department of Materials Engineering Seminar Program

Location: Room 1.134, 4.30-5.30 pm, unless otherwise specified.

Date: Wednesday May 17.

Speaker: Dr G. Wallace, Department of Chemistry, The University of Wollongong

Topic: *Development of Intelligent Polymeric Materials*

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