UNSUCCESSFUL efforts have been made in the past to establish a herbarium in Wollongong.

Now thanks to the diligence and generosity of the late Miss Janet Cosh this goal will be realised.

The University of Wollongong has received a sizeable bequest from the estate of the late Janet Cosh, a resident of the Southern Highlands.

Janet Cosh also left to the Biology Department of the University a collection of about 1000 plant specimens, a library of books on botany and general natural history (several of them rare and valuable), many water-color paintings of plants and significant funds to support the study of botany.

The Biology Department already had several donated plant collections as a basis of a herbarium and with the addition of Janet’s material a very comprehensive collection of specimens of the Illawarra and the Southern Highlands has been brought together.

The Biology Department has renamed the entire collection “The Janet Cosh Herbarium”.

This reference collection of plants will be used to provide an identification service for the local region and also to facilitate undergraduate teaching at the University of Wollongong and other institutions.

It is intended to use funds from the bequest to provide student scholarships and technical support for the Janet Cosh Herbarium allowing the University to increase the resources of the Herbarium.

This will ensure that Janet Cosh’s desire to see education in botany more widely available in the Illawarra region will come to fruition.
ASSOCIATE Professor Don Lewis from the Department of Economics took up the position of Professor of Economics on August 19.

Professor Lewis was appointed to this university in 1976. He is a recent recipient of the University's prestigious award for excellence in teaching.

FORMERLY known as the Richmond Grove Recitals, the Bridge Recitals will resume in September with complimentary wine supplied by Mark Cashmore.

With years of Hunter Valley experience, Cashmore is one of Australia’s newest independent wine producers. His Black Marlin white has already been successfully marketed in Japan and the US.

The Sunday afternoon music recitals will continue to be held at Bridge Theatre, Coniston.

Past performances have featured the Renaissance Players, the Sydney Wind Quintet and Australian Opera baritone, John Pringle. The series, known for its wine, hors d’oeuvres and convivial atmosphere as well as its fine music, is presented by Music Inc and Theatre South.

There will be two more recitals in 1991. Sunday, September 15 features the opera stars John Pringle and Amanda Thane singing arias, duets and popular love songs. John returns to Wollongong after a season with the Australian Opera in Mozart’s The Magic Flute and Amanda can be seen in August and September at the Opera House in Mozart’s Cosi Fan Tutte.

Tickets for an afternoon of wine, food and song at Bridge Theatre are just $22 (concession $12).

The last recital for 1991 will be Sunday, November 10 with Sirocco, the internationally acclaimed classic-folk music ensemble, providing a lively selection of music from around the world. Tickets for this performance are $28 (concession $18).

Special offer for both performances, $40 (prepaid full-price tickets only).

Bookings to Margaret Sharrad, tel. 28 1843, or Bridge Theatre, tel. 29 6144.

LETTERS have been written to Academic Staff concerning the production of their curriculum vitae to Personnel.

Access is available through the Administration File Server. The CV format may also be obtained from personnel - Lyn Marshall, ext. 3117, Sue Smithers, ext. 3202, or Ross Walker, ext. 3934, by having a floppy disk loaded, or by electronic mail, or as a hard copy.

The completed CV can be forwarded to Personnel by electronic mail or by delivering a floppy disk.

Dr PEG McLeod will be absent from the University on sick leave from August 20 to approximately September 30.

Mrs Faye Franklin will be Acting Equal Opportunity Coordinator in her absence.

SENIOR Lecturer in the Department of Computer Science, Dr Philip McKerrow, has published a text which is a comprehensive introduction to robotics.

It has been written to bridge the gap between the more heavily orientated mathematical and control courses and those that cover the topic at a shallower level.

Introduction to Robotics, Addison-Wesley Publishing Company, ISBN 0 201 18240 $48.95

THE following reports from the Department of Employment, Education and Training are in the library:

Performance Indicators in Higher Education Volumes 1 and 2.

The Qualifications of Academic Staff: A Sample Study.

THE General Accident Australian Bicentennial St Andrew’s Scholarship was established by the UK insurer General Accident in 1987 as a gift to the youth of Australia in recognition of our Bicentenary.

Each year since the Bicentenary, a scholar has been selected to take up residence at St Andrew’s University in Scotland to complete one year’s study.

The closing date for applications is Friday November 8, 1991. For further information, tel. (02) 551 5000.

AN ARCHITECTURE exhibition, called Asian Dwellings—a Typology, will be on show at the Technology Centre, University of Wollongong, until September 3.

Put together by the Austrian architect Michi Bier, the exhibition has been shown in three European countries.

It features 25 examples of dwellings and all are illustrated by drawings (plans, sections, perspectives), photographs and several models.
ITC increases support to University despite downturn

DESPITE the financial hardship experienced during the past year, the Illawarra Technology Corporation Limited continued its contribution to the University of Wollongong.

This contribution was in the form of payments to academic staff, provision of scholarships and other contributions to Faculties and Departments, to a value exceeding $2.1 million, and a greater overall contribution in kind and through the generation of awareness in the commercial marketplace and the community.

The Board of Directors of the ITC Limited, at its meeting held on August 8, heard that the corporation’s operating performance was significantly affected by the severe economic downturn being experienced within Australia and internationally.

Nevertheless, sales turnover rose significantly from $5.6 million in 1989-90 to $13.6 million in 1990-91 and the value of research and development projects increased from some $4 million to over $11 million.

However, the group result, subject to audit, is a net loss, after extraordinary items, of $1.345 million.

Markets for consulting and training services, particularly, experienced the dual effects of recessionary conditions and severe competition among service providers, resulted in substantial erosions to margins from the limited work available.

The corporation has undertaken a significant investment in technologies whose potential will be realised in future periods.

Two such examples are the Pol5aner Systems initiatives which constitute a long-term research effort with significant potential benefits, and the Automation and Engineering Applications program whose success depends on a recovery in the manufacturing and airline industries.

These programs were started in a buoyant economic environment, with a long-term view of return.

Research and development continued during the downturn of recent times, in order to maintain a presence in these strategically important sectors.

An investment has also been made in the provision of buildings to the value of $12.0 million.

These buildings house such significant organisations as Nortel, Australian Telecom and the Electricity Commission’s facilities and promote the University’s image and reputation as a leading centre of research and development capability.

As a sign of its confidence in the future of the Illawarra Technology Corporation Limited, and in recognition that its primary task is the enhancement of the University’s research and development capabilities, the Council of the University of Wollongong, at its meeting held on August 16, voted an amount of $600,000 in reimbursement of the costs of completion of Stage III of the Illawarra Technology Centre.

What is creativity?

VISITING academic Professor Margaret Boden will present a special lecture today at 2.30pm in Building 19 Room G016 on creativity.

Professor Boden is the founding Dean of Sussex University’s School of Cognitive and Computing Science – a pioneering centre for research into intelligence and the mechanisms underlying it in humans, other animals and machines.

The lecture is titled Creativity and Computers and was originally given as a Friday Discourse at the Royal Institution.
FROM January 1, 1992 the University Union will assume responsibility for the operation of the Bookshop on the University of Wollongong Campus.

The Union has announced the appointment of Stephen James as the Bookshop Manager.

Mr James began duty on August 14. He brings with him more than 10 years' experience in the bookshop industry, covering all aspects of a campus bookshop operation, culminating in a branch manager position with the University Co-operative Bookshop Limited.

The Union Bookshop will be established, in conjunction with other retail activities, in stage six of the Union, currently under construction.

Stage six of the University Union is estimated to cost $4.9 million, with $4.1 million coming from the University Union.

This project has not attracted any Government support.

In order that the Union provides the best service at the lowest cost, the assistance of departments is essential.

Please provide the Union with accurate text books requirements as soon as possible after receiving the form from Mr James.

Mr James will be distributing order forms, and calling personally on many academic staff on the campus in the very near future.

He can be contacted on University extension 3781 or 3782.

Mr James will liaise with you on a regular basis to ensure that your legitimate needs are met.

Secretary Manager of the Union, Noel Diffey, is confident that with the co-operation of the campus the bookshop can become the best in Australian tertiary education.

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Changes to committee procedures

THE University Council changed procedures of the Academic Promotions and Continuing Appointments Committee on August 16.

The following documents therefore have been amended:

- Document D: Procedures and Criteria for Conversion to a Continuing Appointment;
- Document E: Promotion to Senior Lecturer and Associate Professor.

These documents are available on the Administration File Server, under Staff Matters, Academic Staff, Local Conditions Documents, Documents D and E.

Further information from Ross Walker, ext. 3934.

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Darlings Jewellers are holding a unique display of the latest in Italian gold and silver jewellery. Dennis Calusso from Italy and Robert Duncan from Sydney, will be in Darlings store at 201 Crown Street, Wollongong showing these magnificent ranges, (never seen before in Wollongong) from 9.00am-9.00pm on Thursday August 29.

Plus there will be design award winning diamond jewellery on display by Razmik and the latest in 14ct gold Swiss “Classique” watches for this day only. To celebrate this “European Day” Darlings will not only have these unique jewellery and watches at special prices, but all of Darlings stock will be reduced.

So now is your opportunity to buy magnificent imported jewellery.

To complete the European atmosphere, Darlings girls will be dressed in national costumes, and there will be free foods from different countries to taste, as well as lots of European music playing for your entertainment.

Further savings can be made with tax fee shopping for overseas travellers.

Don’t miss out on this spectacular day, come on in and join the fun at Darlings Jewellers, 201 Crown Street (on the mall), Wollongong.

Take this article into Darlings and place it in the barrel. The first five entries drawn at 9pm by Mr Paul Fanning the Wollongong Mall Manager will receive a $50 voucher to be spent in the store.

Darlings Jewellers also at Warilla Grove, Engadine Court and Globe Lane.
Edgeworth David Medal - 1991

NOMINATIONS are being called for the 1991 Edgeworth David Medal.

The medal is awarded for distinguished contributions by a young scientist. The conditions of the award of the medal are:

(a) The recipient must be under the age of 35 years at January 1, 1991;
(b) The award will be for work done mainly in Australia or its territories or contributing to the advancement of Australian science.

Nominations are called for the names of suitable persons who have contributed significantly to science, including scientific aspects of agriculture, engineering, dentistry, medicine and veterinary science.

Correspondence should be addressed to: The Honorary Secretary, Royal Society of NSW, P.O. Box 1525, Macquarie Centre NSW 2113.

REPORT from the University Council - August 16

Courses and Subjects 1992

At its August meeting each year, Council considers for approval the subject and course proposals for 1992.

Among the courses and major subject strands approved on August 16 were:

- Arts: New major studies for the BA - Visual Arts Theory and Communications Studies
- Commerce: Department of Marketing offerings in Commerce
- Education: Bachelor of Teaching (Early Childhood); Graduate Diploma in Adult Education and Training
- Engineering: Graduate Diploma in Engineering (Maintenance Management); Honours Master of Engineering (Maintenance Management); Bachelor of Engineering (Environmental Engineering)
- Health and Behavioural Sciences: Master of Science (Primary Care); Graduate Diploma in Science (Primary Care); Doctor of Public Health; Graduate Diploma in Science (Occupational Health and Rehabilitation); Bachelor of Nursing and Bachelor of Nursing (Honours)
- Informatics: Bachelor Engineering (Information Engineering)
- Law: Graduate Diploma in Law (Natural Resources); Master of Laws (Natural Resources)
- Science: Honours Master of Environmental Science; Combined degree of Bachelor of Science/Bachelor of Arts.

Fee Schedules 1992

Council approved the 1992 fee schedules for the Recreation and Sports Association and the University Union.

Academic Promotions and Continuing Appointments Committee

Council News

Changes to the Committee's procedures were approved. Details are available from Ross Walker in Personnel.

Chair of Medicine and Public Health

Professor G D Calvert's appointment has been redesignated as Professor of Medicine and Public Health.

Janet Cosh Bequest

Council noted, with gratitude and respect, the late Miss Janet Cosh's bequest to the University. Under the terms of Ms Cosh's will, the bequest will be used by the Department of Biology to support its research program.

Professor of Economics

Council approved the appointment of Associate Professor Don Lewis to the second Chair in Economics.

Honorary Awards

On the recommendation of its Ceremonial and Honorary Awards Committee, Council approved the following honorary awards:

- Honorary Doctor of Laws: Professor Geoffrey Sawer for his outstanding contributions to academic law in Australia.
- Fellowships: Mr D Davis for his service to the University and to the community, particularly as the founder and inspiration of Theatre South.

Mr J B Kelly, retired General Manager of the Illawarra Credit Union for his work in the community and his service to the University; particularly through his active interest in and promotion of the Illawarra Credit Union Scholarship.

Department of Accountancy

August 30: Dr Michael Aitken, School of Accountancy, University of NSW, Measuring the effects of management policy choice: A multiple policy dollar weighted approach.

September 13: Alex Frino and Eijaz Khan, Department of Accountancy, University of Wollongong, Further non-parametric tests of the black-scholes call option pricing model in Australia.

September 27: Sultan Mohiuddin, Department of Accountancy, University of Wollongong, Ownership difference and hospital performance: A theoretical perspective.

OCTOBER

October 4: Vivienne and Kathy Cooper, Department of Accountancy, University of Wollongong, Software development in accounting education. 11am-12.30pm in Commerce Microcomputer Laboratory 3, 2nd Floor, Building 40.

October 18: Bruce Reswick, Associate Professor of Finance, Indiana University School of Business, The globalisation of world financial markets.

Seminars are held in the Faculty of Commerce Building 40, Room 224 on Fridays from 2-3.30pm unless otherwise stated.

Inquiries to Associate Professor Hai Yap Teoh, Seminar Convenor, tel. 21 3625.

Department of Biology

September 3: Departmental meeting

September 10: Ms Fiona Mandelic (Graduate School Environment, Macquarie University) The bottle-nose dolphin populations in Jervis Bay

September 17: Dr M.J. Thompson (Department of Zoology, University of Sydney) Physiology of reptilian eggs: comparison of contemporary and extinct species

September 24: Dr Bill Sewell, Department of Immunology, St Vincent's Hospital - to be announced

October 15: Dr Andy Davis - to be announced

October 22: Professor Helen Garnett - to be announced

October 29: Dr Valerie Morris (School Biological Sciences, University of Sydney) Early development of the endemic sea urchin Holopneustes purpurescens.

November 12: Associate Professor Tony Hulbert, Oils ain't oils- why cats eat meat

November 19: Associate Professor Ted Steele, Somatic hypermutation in antibody V-genes

November 26: Dr Glenda Sullivan-Tailour - to be announced

December 3: Associate Professor Rob Whelan - to be announced

Location: Lecture Theatre 35.G19 at 12.30pm - 1.30pm.

Continued page six
Department of Civil and Mining Engineering
Postgraduate Research Seminar
August 29: F. Sidrak, PhD Student, The "Biofly" Brick Process.
All Seminars will be held in photogrammetry room, building 4, room 138 at 12.30pm.
Enquiries: Mrs Judy Thompson, ext 3040.

Department of Electrical and Computer Engineering
Staff/Postgraduate Research Seminars
September 2: Mark Lesha, Sub-surface radar
September 9: Bronwyn Evans, Robot controllers
September 16: Juha Touminen, Parallel manipulators in robotics
September 23: Professor B. Bose, Recent developments in power electronics and motor drives
October 14: Dr B.S.P. Perera, Finite element analysis of EM devices
October 21: Dr F. Naghdy, Ripeness measurement of soft fruits

Department of History and Politics
September 4: Anthony Ashbolt, Prodigious sons and political amnesia: American radicalism, Jewish identity, Israel.
September 11: Steve Reglar: Contradictions of state socialism.
October 30: Eric Andrews, Newcastle University, C W Bean and Bullecourt: film-making and historical research.

Department of Human Movement Science
Research Seminar Program - Session 2, 1991
August 28: Dr Steven Boucher, Vagal Tone, Implications for Exercise and Health.
September 4: Mr Peter Williamson, Data Acquisition Techniques.
September 11: Dr Peter Milburn, Occupational Biomechanics.
September 18: Dr Mark Brown, Relationship Between Cortical Movement Preparation and Movement Accuracy.

Department of Mathematical Sciences
Postgraduate Seminar

Department of Management
Postgraduate Research Seminars
August 30: Professor Gerry Freed, Long-term Commercial Threats Behind the Recession.
September 13: Constance Hill, The Impact of Gift-Giving Behaviour on Childhood Consumer Socialization Between Cultures in Australia.
September 20: DrTsilia Romm, Paul Patterson and Constance Hill, A Qualitative Exploration of Decision-Making Processes of Overseas Students in Australia: Their Expectations and Satisfaction.
October 18: Kwaku Atuahene-Gima and Paul Patterson, Managerial Perceptions of Technology Licensing as an Alternative to Internal R & D.

Department of Mechanical Engineering
Postgraduate Student Seminars
September 17: Professor Peter Arnold, Professor of Materials Handling and Processing, Bulk Solids Handling – A Good Case for Systems Design. 4pm
October 18: Professor G. Arndt, Professor of Manufacturing Engineering and Director, CAMIA, New techniques in manufacturing management and their adoption in Australia, 4.30pm.

Department of Philosophy
Colloquia
September 6: John Quilter, Australian Catholic University, Title of paper to be advised.
September 20: Andre Gallois, Brisbane, Putnam Against the Sceptic.
October 18: (Tentatively) Justin Oakley, Centre for Bioethics, Monash University, Title of paper to be advised.

Department of Public Health and Nutrition
September 10: Dr Bob Hodge, Identifying risk factors in the Illawarra region.
September 15: Dr David Jeffs, A Systems Approach to Asthma Management.
October 24: Professor Dennis Calvert, Consensus building for a national policy in the treatment of hyperlipidaemia.

Education Policy Program
August 30: Professor Russell Linke, Performance Indicators in Higher Education.
September 6: Associate Professor John Hedberg, Information Technology and Education Organisation.
September 27: Dr John Patterson and Mr Gregg Rowland, Teachers and Involvement in Policy.
October 18: Professor Carla Fasano, Knowledge, Ignorance and Epistemic Utility: Issues in the Construction of Indicator System.
November 1: Ms Nita Temmerman, Perception of the Music Community about the Role of the Australia Council Performing Arts Board.
November 14: Mr Ian Brown, Introduction of Design Education: Implication of Educational Policy.

Equity in Education
Seminar and Conference Activities
Convenor: Associate Professor Noeline J. Kyle, Full Registration Details Shortly.
Enquiries: Noeline Kyle, ext. 3374.

School of Creative Arts
Research Colloquia
Jean Denton Memorial Scholarship
Kindergarten Union of South Australia
Applications are invited for the above scholarship. The purpose of the scholarship is to advance knowledge in Early Childhood Education or a related field. The scholarship is for advanced or postgraduate or research work within or outside Australia, for work which can be applied to Australia. The scholarship is for one year only. The University closing date is September 20.

Dept of Health, Housing and Community Services
National Food and Nutrition Policy
Public submissions are called for to aid in developing a National Food and Nutrition Policy. Submissions are to involve issues concerning barriers to an intersectoral food and nutrition policy, social justice and equity issues and strategies for policy implementation bearing in mind the Australian Dietary Guidelines. The external closing date is September 1.

Health and Community Services
Research and Development Grants (RADGAC)
Grants are available in the subject area “Ageing and Well-Being” with the aim of improving through research and evaluation Commonwealth funded health, housing and community services and to provide information which will assist the development of services policy. The University closing date is October 4.

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 Lyndal Manton (ext. 3201). Intending applicants are reminded that all research applications must be forwarded through the Graduate Office.

1992 Marten Bequest Travelling Scholarships
Prose, Poetry, Acting and Ballet Travelling scholarships are available for Australian born applicants of outstanding ability and promise in the above four areas. Applicants of Prose, Poetry and Acting must be between the ages of 21 and 35. Applicants for the ballet scholarship must be between 17 and 35. The scholarships are valued at $15,000 ($7,500 per yr) for two years. The external closing date is October 31.

Australian Institute of Nuclear Science and Engineering (AINSE)
Project Grants 1992
Applications are invited for the 1992 round of AINSE grants. Applicants are advised to consult with the University representative on the AINSE council. Collaborative applications are particularly encouraged in areas which relate to ANSTO and CSIRO areas of interest at Lucas Heights. Grants usually involve “credits” to meet the costs associated with the use of facilities; travel to and from Lucas Heights and accommodation during periods of attachment. The University closing date is September 30.

NSW Institute for Educational Research
1991 Research Awards
Nominations of students to be considered for an award are being called for. There are two categories; undergraduate Honour theses and projects/dissertations in coursework Masters program; and for theses in research Masters or PhD programs. The awards are made for outstanding pieces of student research within any of the recognised disciplines associated with the field of education. The work should have been carried out in 1990. The external closing date is September 30.

Canadian Government - Canadian Studies Program
Canada-Australia Institutional Research Award
This award will be granted to an Australian institution undertaking a major team research about Canada or the Canada-Australia relationship. The maximum value of the award will be $25,000, when travel to Canada is involved, a contribution towards return fares and related expenses. The external closing date is November 1.

Faculty Research Award Program
This program is designed to assist individual academics to undertake short term research about Canada or on aspects of Canada’s bilateral relations with Australia. The maximum value of the award will be CDN $5,300 consisting of $2,300 towards air fares and $600 per week spent in Canada towards living expenses for a minimum of three weeks and a maximum of five weeks.

Advertisements
Due to the increased demand for this section, in future it will be available only to staff and present students. Anyone wishing to advertise must complete a form in Planning and Marketing, Administration Building. This advertisement will be run once. For a repeat it will be necessary to complete another form.

FOR SALE
U-08ix V photocopier. Works well, $200. Tel. 29 1446.
What’s On

the University’s ethics committees are: Human Experimentation Ethics Committee September 1, October 27 and December 7. Biosafety Committee September 1.

Postgraduate Open Day 1991 will be held on September 6. The purpose of the day is that members of the University community can learn about the range and quality of research being conducted on campus. Emphasis will be on either poster/display or short oral presentations. It is expected that only 10 oral presentations will be held. Information: Denise Stevens in Academic Services.

Music students from the School of Creative Arts perform works by Bach, Mozart, Beethoven, Verdi, Grieg, Bizet and Faure with the Illawarra Sinfonia on Saturday September 7, at 7.30pm. The concert will be held in the Music Auditorium, School of Creative Arts (Building 24). Admission is by donation. Bookings: tel. 28 8964

A course to give science professionals confidence in dealing with the media is being held from September 10 until October 19. Communicating Science Through the Media is being held at the University of Technology in Sydney. The cost is $825. Inquiries (02) 281 8563.

The Australian and New Zealand History of Education Conference will be held at the University of Wollongong, from October 3-6. All papers will be presented in the Kemira rooms and Union Board Room. The ANZHES Conference invites papers on the theme of biography and autobiography in the history of education. For more information contact Associate Professor N.J. Kyle, ANZHES Conference 1991, PO Box 1144, Wollongong, NSW, Australia 2500.

Graduation Ceremonies - October 10-11.

From page seven

The external closing date is November 15.

Faculty Enrichment Award Program
This program is designed to increase knowledge and understanding of Canada abroad by assisting academics to develop and teach courses about Canada in their own discipline as part of their regular teaching load. The maximum value of the award will be CDN $5,300 consisting of $2,200 towards air fares and $600 per week spent in Canada towards living expenses for a minimum of three weeks and a maximum of five weeks. The external closing date is January 31, 1992.

Publications Received at the Graduate Office:
CSIRO Research 1990/91, Directory of CSIRO Research Programs
Spencer Foundation Newsletter - June 1991, Publication reporting on research activities in Education.
The British Council, Australia Newsletter, August 1991, Lists award recipient, exhibitions, events, tours, book news, lectures and conferences occurring in the United Kingdom over the next year.
ACIAR Newsletter, January-July 1991, Australian Centre for International Agricultural Research newsletter

Previously Advertised Closing Date
The British Council Travel Grants
Australian Academy of Humanities (Publication Subsidies) Any Time
Clive and Vera Ramaciotti Travel Grants
Criminology Research Grants
Japanese Science and Technology Awards
Nuffield Foundation Fellowships 1992
Rural Access Project Grants 1992
Bureau of Immigration Research Grants 1992
ANZAC Fellowships
Sugar P/Grad Scholarships
Institute of Sport P/Grad Scholarships and Fellowships
NHMRC Biomedical P/Grad Scholarships
AFUW Queensland Inc

Stop Press

Conservatorium of Music 1992 tuition scholarships
AUDITIONS will be held on September 23-27.
For application forms and information, tel. 28 1122 or 21 3533.