At least two newspapers reported on May 10 that the NSW Auditor-General, Mr Ken Robson, had called for a review of the operation of subsidiary companies by universities, claiming that some universities may have acted illegally in establishing them.

In a report tabled in State Parliament, Mr Robson said that there was a need for a review of the accountability requirements of the companies to prevent them being used for 'creative accounting' purposes.

The power of the companies should also be limited so that they could not be used as vehicles to extend the power of the university beyond the intentions of Parliament.

While there had been a proliferation in the number of university subsidiary companies, the absence of specific controls on the companies prevented their exact number being known, said the report.

It named the University of NSW as having nine subsidiaries with total revenue of more than $16 million, while the University of Wollongong had 11 subsidiaries with revenue totalling more than $3 million.

The report also found that, in an attempt to overcome the prohibition on universities investing in shares, some universities had formed companies limited by guarantee rather than shares, which were then used to form further companies limited by shares.

The Vice-Chancellor of the University of Wollongong, Professor Ken McKinnon, welcomed the Auditor-General's call for a clarification of the status of university companies. 'But', he said, 'it must be stated at the outset that the Auditor-General does in fact already audit them and that we think such audits are appropriate.

'University companies were originally set up to ensure that applied research activities were kept separate from the main teaching activities and core finances of the university.

'Apart from the University's own desire for separate accountability, both the federal and state governments had insisted on company structures for ventures they helped initiate, such as the Illawarra Technology Centre and the Automation and Engineering Application Centre.

'Furthermore, the University has a rigorous view of its applied research centres, requiring each to be separate and self-sufficient. Only within such structures is it possible to tailor employment and working conditions, making them consistent with the market place rather than tenured academic positions.

'In our view the University is operating entirely consistently with the wishes of both federal and state governments in seeking to be enterprising and to focus a significant proportion of its research and development activities on the needs of Australian industry.

'Undoubtedly, the University of Wollongong has been one of the more active universities in this regard. It will continue to be so if, and only if, governments continue to endorse such activities.

'The Auditor-General has done us a favour in bringing the question of structures out into the open. If the state government decides that we should retreat to the 'ivory tower' we would do so - but reluctantly. My workload would certainly decrease. If it wants us to continue to take up the challenge of research and development of value to the community, it will need to endorse clearly arrangements within universities which are businesslike and auditable.

'Continuing uncertainty will only reinforce the views of those in universities who do not want to be challenged to contribute to the development of Australia.'
General Notices

'International Office Overseas'

Eric Meadows and Trish Tindall will be representing Wollongong at NAFSA (National Association of Foreign Student Affairs), the major annual talkfest on international activities for United States universities and colleges at Minneapolis in June.

This is part of a major series of missions, which is being masterminded by the University's International Office. In Asia, a review of the various educational systems is taking place with particular emphasis on qualifications and admission standards. The missions will also recruit students.

Missions to Korea, Thailand and Taiwan are taking place in May, and to Hong Kong in June. Bill McGaw from the Department of English will represent the University at missions in Indonesia and Singapore – also in June. Creative Arts lecturer Andrew Schultz will attend auditions for potential music students in Korea in June. In Taiwan, Eric Meadows will be investigating twinning arrangements and conducting a recruitment campaign, which includes a television appearance.

After NAFSA, Eric will visit eight North American universities to discuss co-operation with the University of Wollongong.

Latter-day Marco Polo, Eric Meadows

Back on campus, the International Office's new location, on the ground floor of the Administration Building, reflects the growing profile being taken in international activities under Eric Meadows' direction. His brief includes not only student recruitment but also the development of the overall international strategies of the University.

Academic staff planning international visits are reminded to establish contact with Eric or his staff.

Contact Eric Meadows, Director, on extension 3918.

Research Policy Forum Launched

A Research Policy Forum has been established jointly by the Australian National University and the University of Wollongong.

The Forum was launched on Wednesday, May 17, at the Australian National University by Professor Ralph Slayter, newly appointed Chief Scientist to the Prime Minister.

The Forum is the brainchild of Professor Paul Bourke, Director of the Research School of Social Sciences, Australian National University, and Professor Ron Johnston, Director of the Centre for Technology and Social Change at the University of Wollongong.

There is presently a high level of concern among scientists and other researchers about the state of research in Australia and the level of government funding it is receiving.

At the same time, government ministers and officials, and research managers, are arguing that the research enterprise needs to be more effectively managed, in order to make a greater contribution to the national interest.

The major objective of the joint initiative is to provide a forum where those engaged in performing, funding, analysing and using research can meet to present their views and explore new approaches to supporting and managing research in Australia.

In addition, it is designed to promote a wider understanding of the role of research in the Australian economy and society, and the changing context in which it has to operate.

The intended audience includes Ministers, government officials, university and other higher-education institution managers, industrialists, research managers and researchers.

It will also serve to draw together the considerable expertise in the field of research policy of the Research School of Social Sciences at the ANU, Wollongong University, the Centre for Technology and Social Change and staff of the Departments of Science and Technology Studies and Sociology at the University of Wollongong.

Professor Bourke was the speaker at the first meeting of the forum. He chose as his theme 'Applying science policy to the social sciences'.

Further information: Professor Paul Bourke, RSSS, ANU, tel (062) 49 2340, or Professor Ron Johnston, TASC, University of Wollongong, tel (042) 26 8866.

Invitation to attend open meeting of University Conservatorium Board of Management

An invitation is extended to parents, staff, students and interested members of the public to attend the 21st meeting of the University Conservatorium interim Board of Management. The meeting will be conducted in the Gleniffer Brae Auditorium beginning at 5 pm on Tuesday May 30.

The Gleniffer String Quartet will open the meeting with a brief musical interlude. Afterwards there will be opportunity to meet the Board membership and to discuss matters relevant to the Conservatorium.

Light refreshments will be served after the meeting. For catering purposes, confirmation of attendance would be appreciated: please contact secretary, Mrs A. Smith, ext 3533 or phone 28 1122.
Women in Science and Technology in Australia

A major national exhibition entitled 'A History for the Future', celebrating the achievements of women in science and technology, is coming to the University of Wollongong.

An official opening will be held in the University library on May 29 at 5 pm.

Speakers will include Professor Helen Garnett from the Department of Biology. Theme of the exhibition is 'Women doing science and technology everywhere you look – as they have always done'.

We are celebrating the achievements of Australian women in science and technology, says Jasmine Payget of Adelaide, the national co-ordinator of the exhibition. The achievements are all the more worthy of celebration because of the barriers women have experienced and still experience in employment. The exhibition is for many people – families, studies, scientists and technologists, teachers and historians. It shows the crucial role of women in science and technology in Australia. It also promotes science and technology as a career for women of all ages.

The exhibition has been sponsored by the Australian Bicentennial Authority Women's program and by the South Australian Institute of Technology. Says Professor Mead, Director of the South Australian Institute of Technology, 'Higher education institutions like the South Australian Institute of Technology are most interested in seeing what has been achieved and ensuring that more women are able to participate in science and technology in the future.'

The Women in Science Enquiry Network, a national association of women in the sciences, including engineering, medicine and social sciences, has put together the exciting exhibition on both historical and present-day women in science and technology. A local branch of WISENET has been established in Wollongong.

The exhibition opened in Adelaide in January, then moved to the Museum of Victoria in Melbourne, the Australian Museum in Sydney and the Nepean College campus of the University of Western Sydney before coming to Wollongong. The exhibition is open during library hours from May 29 to June 9 at the University of Wollongong, then moves to Newcastle University (June 9–22) and the National Science and Technology Centre, Canberra.

Further information from Toni O'Neill, 042-27 0765; Mary Garson, 042-27 0509; or Annie Dugdale, 042-27 0691.

University of Tasmania

The University of Tasmania will be celebrating its centenary in February 1990. A brochure about the centenary has recently been posted to all graduates whose addresses are known.

Tasmanian graduates who have not received the brochure are asked to contact the Centenary Office, University of Tasmania, Box 252C GPO, Tasmania 7001, giving also details of degree and year of graduation (surname at graduation if not current name).

Freedom of Information Legislation

The Freedom of Information Bill (No 2) was passed by both Houses of Parliament in March and will take effect from July this year. Copies of the Act have been ordered from the Government Printer and will be distributed to each departmental head.

The basic concept of Freedom of Information is that every person will have a legally enforceable right to obtain access to information held by government agencies and Ministers.

Under the Terms of the Act, the University of Wollongong is recognised as an FOI agency, with the Vice-Chancellor designated as the Principal Officer. The EEO Unit is co-ordinating the University's activities in this regard, under the direction of the University Secretary, Mr Ken Baumber. Marilyn Johnson has been seconded from Planning and Marketing to assist in implementing this program.

The University needs to ensure that its operations are brought into line with the provision of the legislation for the July 1 starting date. Each department, school or academic unit will need to appoint an FOI liaison person to assist the FOI Co-ordinator with identifying and categorising the existing records held within each department and in compiling an FOI directory of existing policy and procedure documents.

Training and education sessions will be undertaken shortly to inform staff of the implications of this legislation.

Peg MacLeod
EEO and FOI Co-ordinator, EXT 3917

Friends of the University

Friends Annual General Meeting

The Annual General Meeting of the Friends of the University of Wollongong scheduled for Friday May 20 had to be postponed.

The meeting will now be held on Friday June 2 at 5.30 pm in the Kemira Room of the University Union Building.

We regret any inconvenience this change may cause, but look forward to meeting with you on June 2.

Please stay on after the meeting and enjoy some hors d'oeuvres and drinks.

Wanted – space ...

An accessible storage space is required by the Graduate Group of the Friends of the University for secondhand books.

A successful bookfair was held on Open Day 1988, and it is hoped to continue this function on an annual or biennial basis. If you have a suitable space (a garage would be perfect) please contact Muriel Murada on 27 0073.

AND REMEMBER, don't discard your superfluous literature!

The Art of Lunch

Every Thursday from 12.35 to 1.25 pm
May Graduations

Some 1,200 graduands (so far) received their degrees at ceremonies. Some of those members of the University pictured and others on 'The News' is indebted to them and in particular to Mr...

Dr Balachandran Shanmugam, gained his PhD degree in Economics. His relatives travelled from Malaysia for his graduation.

Jim Meek, and his wife, obviously delighted with his Bachelor of Arts degree. The surname will be familiar to many at Wollongong University. Jim's father, Ben Meek, retired some three years ago after many years' service at the University and a close involvement with 'The Friends'.

A familiar figure, Senior lecturer in Creative Arts, John Eveleigh becomes a Fellow of the University in recognition of his enthusiastic and tireless contribution to building up the University's permanent collection of works of art.

Winner of a University Medal for outstanding academic achievement is Stephen Lucas. Stephen graduated as a Bachelor of Mathematics (Hons). He intends now embarking on a post-graduate degree course in Mechanical Engineering.
Highlights

The highest figure so far for those who graduated are staff. For their support, these pages 'Campus Illawarra Mercury', Mr David Cavenagh.

Emma Knott was awarded the degree of Master of Arts and, moreover, displayed considerable skill as a flautist during a musical interlude on the Thursday. She is seen here with her parents, Dr and Mrs Bernays.

Another face familiar to many: Marilyn Johnston from the Planning and Marketing Branch graduated with a Bachelor of Arts degree, majoring in Literature. With Marilyn here are her daughter Alison and her son David.
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.

National Teaching Company Scheme
The Commonwealth Department of Industry, Technology and Commerce has funding available to Australian-owned or Australian-based companies for employment of graduates in joint projects with Australian tertiary institutions. The scheme is designed to forge links between companies and tertiary education institutions and subsidise the cost of employing high-calibre graduates in projects to improve company performance.

Applications close with the University on June 16.

National Youth Affairs Research Scheme
The National Youth Affairs Research Scheme is a cooperative funding arrangement between the Commonwealth and States to facilitate nationally based research into current social, political and economic factors affecting young people.

Tenders are sought from suitably experienced and qualified individuals or organisations to conduct research in one or more of the following specified areas:
- Young people and consumer credit;
- Young people in rural area;
- Young Aboriginal people and health.

Applications close with the University on June 16.

Arthritis Foundation of Australia
The Arthritis Foundation of Australia has invited applications for Grants-in-Aid and Scholarships tenable in Australia and for Fellowships tenable overseas. Further information is available from the Office of Research.

Applications close with the University on July 14.

National Soil Conservation Program
The National Soil Conservation Program invites applications for financial assistance for the conduct of research or public education relating to the rehabilitation and sustainable utilisation of the nation's soil and land resources.

Applications close with the University June 16.

Commonwealth Aids Research Grants Scheme
The Australian National Council on AIDS (ANCA) invites applications for support beginning in 1990 for research in areas relating to HIV infection and its prevention. Areas of particular importance are:
- Behavioural
- Epidemiological
- Virological/Immunological
- National Policy

Applications close with the University on June 16.

NASA Correlative Measurement Program
National Aeronautics and Space Administration (NASA) seeks research proposals for correlation measurements in support of the Upper Atmosphere Research Satellite (UARS) missions.

Applications close with the University on July 17.

ARC 1991 Call for Submissions
The Australian Research Council (ARC) invites brief submissions nominating fields for research priority status in preparation for a review for the 1991 funding round.

Scholarships, Fellowships and Prizes

Telecom Research Fellowships
Telecom Australia Research Laboratories invite applications from talented and experienced academic staff of Australian universities for 1989 short-term fellowships. Fellowships are normally tenable for six weeks with an honorarium of $3000, plus payment of travel and living expenses. Fellows will be encouraged to continue their work upon return to their institution with additional Telecom funding in suitable cases.

Applications close with the University on May 17.

Conferences

Elizabeth and Frederick White Research Conferences
The Academy of Science has established a series of research conferences in the physical and mathematical sciences related to the solid earth, the terrestrial oceans, the earth's atmosphere, solar-terrestrial science, space sciences and astronomy. Participation of overseas scientists is encouraged. A sum of up to $5000 for each conference is allocated and supplementation from other sources is encouraged.

Proposals for 1990 close with the University on June 18.

Previously noted in Campus News

National Energy Innovation Awards June 7
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
Rothmans Fellowships June 16
Boden Research Conferences June 17
Academy of Science UK Exchange Program June 17
White Research Conferences June 19
Law Foundation Travelling Fellowships July 15
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
Tonight! 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, their 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 tonight, Tuesday May 23, at 8 pm.


To Friends and Patrons of the School of Creative Arts

Greetings!

You may care to know that the Melyanesian Club Exhibition - Art and War - was featured on Prime Television, WIN 4 (news and children's program) and Dr Berans was interviewed by ABC Radio. Large numbers including school children came to see it. It is the most comprehensive exhibition of its kind to be put on in Australia to date. It closed on May 14.

The next exhibition 'A Celtic Dimension Preview' is now open, 7.30 pm to 9.15 pm. It combines work by Fine Arts students from Dublin College of Art, Ireland.

Robert Reid is showing some high-lustre glazed ceramics. He was invited to come to Wollongong and teach part-time at TAFE by Alan Peascod, the Australian ceramicist. Robert Reid was on the staff at Glasgow College of Art.

The final section features a group of marvellously crafted traditional musical instruments by Don McDonald. Mr McDonald will include a Welsh harp and harpsichord. For the latter he was awarded his MCA and received his degree at the May ceremonies.

The sales area, which has been used in recent weeks to display recent University purchases, will now change (rather more slowly than anticipated) to a sales area, selling ceramics, prints and smaller paintings.

Looking ahead to Session Two, seven exhibitions are scheduled between July and December. While the University charges a dollar once. Please advise your friends and acquaintances of the Long Gallery program.

John Eveleigh

For your diaries...

The City of Wollongong Symphony Orchestra will present its second subscription concert for 1989 on Saturday June 10 at 8 pm, at the Illawarra Performing Arts Centre. A change from the original program has been brought about by the non-availability of the French concert pianist, Jean-David Boulay. However, the orchestra has engaged the young Korean-born Australian pianist, Kyunghce Chung, who will play the Mozart Piano Concerto No 20 in D Minor, K.466.

Other works on the program are the Overture, Fingal's Cave by Mendelssohn, and the Unfinished Symphony by Schubert. This entire program is thus of the 'standard classics' format.

Tickets available from the booking office at the Performing Arts Centre. Prices are: adults $15; concession $11; family (up to four) $36.

The Art of Lunch

All performances are free and open to the public and are held weekly on Thursdays (during session lunchtimes from 12.35 to 1.25) in the Music Centre, Building 24, on the western side of the campus.

May 25: Final-year Bachelor of Creative Arts students Sue-Ellen Lynch (flute) and Nicole St. Ilan (viola) are joined by Vanessa Lucas (violin) in Beethoven's Serenade Op. 25. The program will also feature the first performance of Andrew Ford's Swansong for solo viola. Venue: Music Auditorium.


June 8: Third-year Bachelor of Creative Arts students Toni Simon (piano) and Peter Dorich (saxophone) present a concert including music by Ginastera and Francaix. Inquiries: (042) 27 0987 or (042) 27 0996. Parking: enter by Western Entrance, Northfields Avenue. Admission: free. Convenor: Andrew Schultz.

Use of the 'Forum'

It has been suggested that the 'Forum' immediately west of the Administration Building may not be being used as much as it might. One of the reasons may be the uncertainty of availability or of a contact person with regard to availability.

To help in developing a more interesting and usable facility it has been agreed that the School of Creative Arts, a principal user, be given priority use of the Forum and also responsibility for booking control.

The contact person will be Michael Young of the School of Creative Arts. Michael also has responsibility for bookings for the Music Centre (his extension is 3898).

K.E. Turnbull
Manager, Buildings and Grounds

Advertisements

FOR SALE
Nissan Bluebird 1982 5-speed manual sedan, blue body and interior, OVG-877 - $6,250 ono. Also Chevney MK IV Campervan (sleeps up to 6) fully equipped, ready to use - $1,950 ono. Phone 27 0759 or 29 5740 (ah).

FOR SALE
Backpacks (2), fully adjustable, two compartments, 70 litre size, used only once. $65 each (598 new). Phone ext 3373 or 71 4192.

FOR SALE
Dishwasher Hoover almost new/hardly used, $420 ono. Air conditioner, Sanyo—window unit, excellent order, $420 ono. Dining chairs, early Australian Blackwood with cloth inserts, set of six, $360. Phone 89 7294.
Seminars

Department of Psychology
Date: May 23
Speaker: Dr David Brown, Department of Psychology, The University of Wollongong.
Topic: The pain experience and psychological adjustment to orthodontic treatment of pre-adolescents, adolescents and adults.
Date: May 30
Speaker: Dr Peter Smith, Department of Psychology, The University of Wollongong.
Topic: Involvement in change - a viewpoint on applying psychology in industry.

Biology Seminars Session 1
Biology Department, Building 35 C19, 12.30 pm.
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.
Tuesday May 30 – Dr Andy Davis, Department of Biology, The University of Wollongong, Title to be announced.
Tuesday July 4 – Dr Roger Truscott, Department of Chemistry, The University of Wollongong, How to stop rats getting cataracts.

School of Learning Studies
All sessions are on Wednesdays at 12.30 pm in Room 21.104. Coffee and tea provided
Date: May 24
Topic: Telling Lies or Lively Telling? Biography and History of Education.
Speaker: Dr Noeline Kyle. Inquiries to Bill Winser, ext 3963.

LanguageCurricula Seminar Postponed.
The seminar – a panel discussion by Drs Booth, Cambourne and Cranny-Francis – scheduled for May 30 has been postponed until next session.
The seminar will now appear on the session two schedule.

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 26, 12.30 to 1.30 pm.
Speaker: Dr M. Sivakumar.
Date and time: June 2, 11.30 to 12.30 pm.
Speaker: Professor C. Gerrard.
Topic: Strength and Deformability of Rock Joints.
Date and time: June 9, 11.30 to 12.30 pm.
Speaker: Professor D. Carmichael.
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.

Department of Materials Engineering
Date and time: May 31, 4.30 to 5.30 pm.
Location: Room 1.134.
Speaker: Mr Ross Nuske, Development Officer, BHP Coated Products.

Department of Chemistry
Date and time: Friday May 26, 11.30 am
Venue: Room 18.206.
Speaker: Dr Gordon Wallace, Polymer Systems Technology.
Topic: In pursuit of intelligent materials.

Date and time: Friday June 2, 11.30 am
Venue: Room 18.206.
Speaker: Dr Malcolm Binns, Coated Products Division, BHP.
Topic: Cation-assisted regiospecific and distere specific conjugate additions of alyl and hexadienyl carbenes.

Department of Economics
Date and time: Wednesday May 24, 12.30 pm.
Venue: Room 19.2081a.
Speaker: Colin Kearney, University of New South Wales.
Topic: Aspects of Australian Macroeconomic Policy.
For further information contact Dennis O'Brien, ext 3654, room 19.2076.

New Literatures Research Centre
All seminars are held on Fridays at 2.30 pm in the English Department (Building 19) of the University of Wollongong, Room 1095.
The seminar series occurs annually and accepts papers by visiting and local writers, academics, and post-graduate students.
For further information or offers of papers, please contact Paul Sharrad (042) 27 0705 or Shane Donnelly (02) 525 0186.
Date: May 26
Speaker: Edwin Thumboo, English, National University of Singapore.
Date: June 16
Speaker: Fiona Giles, Wolfson College, Oxford University.
Topic: Finding a Shiftingness: Situating the Nineteenth Century Anglo-Australian Female Subject.
Date: June 30
Speaker: Elizabeth Young, English, University of Wollongong.
Topic: Janet Frame's 'The Carpathians'.
Everyone is welcome to attend. Refreshments provided.

Department of Accountancy
All seminars are held in the Social Science Building Room 2001, in the Department of Accountancy at 11 am.
Date: Friday May 26.
Topic: Accounting for Goodwill.
Presenters: Mr Garry Tibbits and Ms Mary Greenwell, Department of Accountancy.

Department of Information Systems
Date and Time: May 26, noon
Venue: Kemira Room, University Union
Speaker: Associate Professor Michael Lawrence, Department of Information Systems, University of NSW.
Topic: Capturing Risk Assessments in a DSS

Biomedical Evening Series
Each seminar will be preceded by dinner at the Union Bistro from 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
Venue: Room 19.205.
Date: Wednesday May 31
A seminar sponsored by Boehringer Mannheim.
Speaker: Dr Caroline Geczy, Kolling Institute of Medical Research, Royal North Shore Hospital.
Topic: Cytokines and coagulation.
Date: Wednesday June 14
A seminar sponsored by BioRad Laboratories.
Speaker: Dr Ray Norton, Department of Biochemistry, University of New South Wales.
Topic: Cardiac stimulatory proteins from sea anemones.
Date: Wednesday July 5
A seminar sponsored by Millipore.
Speaker: Dr Sydney James, Department of Botany, University of Western Australia.
Topic: Evolutionary genetics and mobile elements.
Date: Wednesday August 23
Speaker: Dr Len Storen, Garvan Institute of Medical Research, St Vincents Hospital, Paddington.
Topic: Dietary fats and disease.