George Maltby new Chairman of Illawarra Technology Corporation

ITC awards further scholarships

Telecommunications identity, George Maltby, has been appointed Chairman of the Illawarra Technology Corporation (ITC) Limited.

Former Managing Director of OTC, Mr Maltby is also Chairman of the Australian Telecommunications Users' Group and a member of the new Telecommunications Industry Development Authority.

ITC Limited, the research and development company of the University of Wollongong, has gained major contracts with Australian and international communications carriers and suppliers, through its Centre for Information Technology Research.

"Universities have a great contribution to make to Australia's industrial and commercial development," Mr Maltby said.

"ITC Limited is fully committed to that challenge. We provide a commercial focus to help industry gain cost-effective access to the University's research and development expertise and faculties.

"We are involved not just in information technology research and training, but in a number of other areas as well, such as innovative work in environmental management, the commercial application of microwave technology, and on-site training for managers and shopfloor operatives in manufacturing industry."

Mr Maltby was Managing Director of OTC from February 1985 to December 1988.

Until his retirement, Mr Maltby was Australia's top international telecommunications management executive. He has had extensive experience negotiating agreements and policies in the telecommunications industry and was closely involved in all of OTC's major international projects.

Since leaving OTC, Mr Maltby has been retained by several major Australian and overseas corporations as an executive adviser on telecommunications strategy.

From 1988 to 1990 he was President of the UN/ITU sponsored Asia Pacific Telecommunity.

One of Mr Maltby's first duties on taking up the position of Chairman of ITC was to present $1000 ITC scholarships for overseas study to:

- Tim Castle, second year student Bachelor of Science/Law, who is going to the University of North Carolina at Chapel Hill for one semester, January, 1993-May, 1993;
- Ross Beattie, third year student, Bachelor of Arts who will be studying at the University of Exeter from October, 1992 to June, 1993;
- Melinda Debnam, second year student, Bachelor of Science (Nutrition) who will be at the University of North Carolina at Chapel Hill for two semesters commencing January, 1993.

Melinda is also one of the University's Meritorious Scholarship holders.
The University of Wollongong has released a planning document, Towards 2000, which defines the attributes that the University seeks to develop in its graduates.

As well as producing graduates with extensive knowledge in a discipline area, the University is seeking ways to ensure all its students graduate with particular technical skills and ethical standards.

These include computer and statistical literacy, being orally articulate and confident and able to communicate fluently. Wollongong seeks to produce graduates who will appreciate other cultures and customs, value truthfulness, accuracy, honesty and ethical standards in personal and professional life, and who have learned to accept responsibility as well as assert rights.

Work experience scholarships awarded

The Illawarra Credit Union Scholarships for 1992 were awarded at a ceremony in the Council Room this month.

Thanks to the continuing generosity of the Credit Union, these scholarships have been in place for 11 years.

They offer the successful students, who are in at least their second year of full-time study, employment in an academic unit for a total of 60 hours in work of an academic nature, related to their course of study.

Fifteen scholarships were awarded, from 70 applications. The winning students are now working in a wide ride range of units in six faculties.

Students typically work with one or two staff members on specific projects.

As well as the benefit to students, academic units are keen to participate as they benefit by employing bright students.

All of this year’s students had at least a distinction average in their course at the time of selection (three students had a high distinction average). Last year, because of the work of a scholarship student, the Department of Geography was able to complete a classification and catalogue of photographs. This task had remained incomplete for around five years.

The Scholarships were presented by General Manager of the Illawarra Credit Union, Mr John Erickson.

Also present was Mr Peter Kell, a member of the Board who has a long involvement with the scholarship and is involved with the selection of scholarship recipients.

The winners and the Departments that are employing them are: Cody Murphet (English); Sunil Chandra (Electrical & Computer Engineering); Darrin Smart (Computer Science); Ian Farrell (Mathematics); Bernard Brian (History & Politics); Paul Starr (Law); Cristobal Merodio (Computer Science); Lynn Sydney (Biotechnology); Hsiu-Chen Cheng (Business Systems); Troy Gill (Geology); Margaret Kantor (Management); Maria Budiharto (Mathematics); Brian Corless (Psychology); Federico Turatti (Chemistry); Clarissa Arndt (Creative Arts).

Brief News

Each department in the university has been asked to review and explore the best ways to further develop these attributes.

The University is aiming to be among the top Australian Universities, and to be known for the excellence of its teaching, research and international programs by the Year 2000.

Towards 2000 is especially noteworthy for the quantitative goals that have been set which underpin the qualitative ones and provide benchmarks to assess real progress.

School of Creative Arts Honors student Michael Linney has succeeded in getting his play “Idolatry” produced as part of the Taylor Square Arts Festival on September 24 and 25 evenings, and Saturday 25 matinee.

It will be directed by another Creative Arts student Michael Daly. The venue is “Joe’s Garage”, a nightclub next to the Rex Hotel, Macleay St. Kings Cross.

The play deals with alienated young people in the rock music industry. Further details from Clem Gorman, ext. 4270.

Dr Phil Dawes, formerly of the Department of Management and now visiting fellow in Marketing at the National University of Singapore, and Associate Professor Paul Patterson of Department of Management, recently presented a research paper at the European Marketing Academy Conference at the Aarhus school of Business in Denmark.

It was one of only 50 papers accepted worldwide for presentation at the conference.

The paper developed a conceptual model of consumer behaviour concerning the use of external consultants when firms are faced with making high-technology purchase decisions.

The paper originates from an empirical study of 250 major Australian companies. The study was partially funded by the Centre for Management Strategy and Organisational Change.

The Illawarra Technology Corporation Limited (ITC) is marketing actively the Certificate in Manufacturing, developed and delivered by ITC’s Australian Training School in Advanced Manufacturing (ATSAM).

ITC, the research and development company of the University of Wollongong, developed the certificate program in response to approaches by several manufacturing companies.

These companies wanted a flexible, on-site training program to address the special needs of the manufacturing sector.

In particular the program had to relate directly to the rapid changes in work-place practice and had to facilitate award restructuring.

Chairman of ITC, Mr George Maltby, said the Certificate in Manufacturing is a formal qualification, accredited by the NSW Vocational Education and Training Accreditation Board (VETAB), and all courses meet the requirements of the Training Guarantee Act.

‘The certificate program has now been trialed for a year, to the satisfaction of the students and the employers,’ Mr Maltby said.

‘So it is time to let manufacturing company managers know about the program.’

Attractions of the certificate for employers and employees are that the course is run at the work-place and is tailored to the specific needs of the company and the actual challenges facing the employees.

The school encourages client companies and their in-house consultative committees to have input into the components of the course and to suggest which topics should be emphasised based on the industry experience of the company and workers.

‘We are responding to a market need,’ Mr Maltby said.

‘A manufacturer can take up this program and dovetail it into the company’s operation, by combining the core modules with a selection of optional modules to meet the company’s particular requirements.’
The Centre for Multicultural Studies has released a report, written for the Bureau of Immigration Research, focusing on the experiences of the immigrant workforce at BHP's Port Kembla steelworks from 1981-1989.

The major effect of a massive structural change at the steelworks during this period has been, the report says, devastating rates of long-term employment for the region's non-English speaking background workers.

One of the authors of the report, Michael Morrissey, said BHP had in recent years taken initiatives to assist immigrant workers, including an Open Learning Centre, but these were too late for the former immigrant workers in the Illawarra who had been employed at BHP before the restructuring in the 1980s.

The report calls for a central body to be established charged with ensuring immigrant worker's special needs are catered for and appropriate social welfare measures be established for those workers who may never find work again.

Immigration and Industry Restructuring in the Illawarra.


Security Office takes over lost property

The safe custody and accountability of lost property is now centralised at the Security Office.

Security is holding a substantial amount of lost property which has been handed in from various departments around the campus.

Some of this property may have been lost some weeks ago.

If you have recently lost articles, from purses, clothing, books to pencil cases, please call by the Security Office and check.

All found property should be handed in to the Security Office immediately.

We are all aware how distressing it can be to lose a valued item, so please consider the person losing an article you have found and hand it in.

The attending security officer will record any valuable items in the Lost and Found register and you may check after the statutory period of three months to see if it has been claimed and if you may have a right to it as the finder if not claimed.

Lost property handed in to the University will be held for three months. If there is any way of identifying the owner, the owner is to be contacted.

If, after three months, the article is unclaimed, the finder, provided he or she is not an employee of the University, may claim it.

After holding items for three months the University may dispose of them in the following ways:

1. All books, journals, magazines and the like to be sent to the library and retained or destroyed at the discretion of the Librarian.
2. All items of clothing to be sent to the Smith Family Organisation for disposal as it sees fit.
3. All cash to be credited to the Student Loan Fund.
4. Students' notes will be kept until after the end-of-year examinations and if unclaimed will be destroyed at that time.
5. Other items assessed as having value, e.g. pens, sunglasses etc, will be sent to the Smith Family Opportunity Shop for disposal as determined by that organisation.
6. All other items assessed as having no value, e.g. keys, damaged items, will be scrapped.
THE YEAR OF SPAIN

Canberra performance promises outstanding concert

On Friday 21 August, in the main foyer of the Australian High Court in Canberra, His Excellency the Spanish Ambassador, Dr Antonio Nuñez, officially opened the Prado Museum Exhibition in honour of the Year of Spain – 1992.

After the official opening, the diplomatic corps and invited guests were treated to a special musical interlude of Spanish zarzuela performed by David Vance and Madeline Strong Cincotta on the Ambassador’s request.

The audience was enraptured by the flawless interpretation of the arias.

Wollongong will have the opportunity to hear a repeat performance and more at a concert on Sunday 6 September.

The Spanish Ambassador and several other diplomatic representatives will be in Wollongong for the 6 September concert in honour of the Year of Spain being sponsored by the Department of Modern Languages and the Education Office of the Spanish Embassy.

The concert will be held at 3pm in the Hope Theatre.

David Vance and Madeline Strong Cincotta will be performing from the School of Creative Arts.


Latest developments on campus

UNION EXTENSION - STAGE 6B LEVEL 2 OFFICE SPACE: The fit-out and furnishing of Level 2 (i.e., the level above the new function areas) is complete.

The new area will provide office space for Counselling Services, the Careers and Appointments Office, the Dean of Students and the Development and Community Affairs Office.

KEIRA VIEW BUILDING: After a recent massive pouring of concrete to form the main structural deck, the building is taking on a recognisable shape.

Construction is well on target for completion in late 1993 for occupation at the beginning of 1994. The Keira View Building will provide a new facility to replace the old “Greenergy” food outlet; teaching space including two lecture theatres; a multi-purpose function room and office and teaching space for Law and Education.

ADDITIONAL STUDENT ACCOMMODATION AT CAMPUS EAST: A contract has been awarded to Bolton Constructions to construct an additional block of student accommodation at Campus East.

The project has a budget of $1.525m. and completion is expected by the end of the year.

UNION HALL RECONSTRUCTION AND REFURBISHMENT: During July the contract for the Union Hall reconstruction and refurbishment was awarded to Tosich Constructions Pty. Limited.

This firm also has the Keira View Building Project. Demolition of the old hall is complete and reconstruction of the new hall will soon begin. Completion is expected in May, 1993 in time for Graduation.

The new hall and associated amenities will provide larger and better facilities for a wide range of functions. The project budget is $3.7m.

REFURBISHMENT OF BUILDING 1: Work is almost complete on a deferred maintenance and refurbishment programme for Building 1 (Metallurgy).

A special grant was attracted for this work and it is hoped that similar programmes can be implemented for some of the other older buildings as such projects are well beyond the scope of general maintenance.

ENGINEERING BUILDING EXTENSION: Work will soon commence on an extension to the Engineering buildings. The project will also include refurbishment of some existing areas. The extension will include new high bay workshop and additional offices and teaching space. The project has a budget of $2.8m.

EXTENSION TO KIDS UNI: Approval has been given for a further extension to the Kids Uni building to meet certain licensing requirements. Planning is in progress and the construction will be undertaken “in-house” at a cost of approximately $175,000.

OTHER PROJECTS: Other projects currently being planned or considered include:

• Science Building extension (Health and Behavioural Sciences).
• Additional student accommodation.
• Business and Technology Centre, Stage 1, Campus East.
• Exterior work for the Engineering buildings.
• Construction of student accommodation for the Faculty of Health and Behavioural Sciences.

LANDSCAPING PROJECTS: Projects in progress or recently completed include:

• Pavement improvements:
  - Construction of Parkside (Centre for Planning and Research).
  - Landscaping of Oval No. 1.
  - New footpath to Oval No. 2.

• Landscaping:
  - Landscape of Oval No. 1.
  - Landscape of Oval No. 2.

• Landscaping for Health and Behavioural Sciences.

PURCHASE OF HOUSES - NORTHFIELDS AVENUE: Settlement is expected this month on the purchase of four additional (ex Department of Housing properties) in Northfields Avenue. Two of the houses are allocated to the Faculty of Law; one has been allocated to the Faculty of Health and Behavioural Sciences for the National Reference Centre for Primary Health Care and one is under consideration for use as an extension of the Union child care facilities.
Microwave frontier men

Last week the University of Wollongong Microwave Application Research Centre (MARC) hosted a visit by three scientists from Japan, each of whom has pushed forward the frontiers of Microwave Application.

Professor Y. Nikawa, of the Department of Electrical Engineering, National Defence Academy, Yokosuka, and Professor F Okada, from the same academy, have done pioneering work in the areas of microwave sintering and microwave application in biology.

Professor C. Shibata, from the Daido Institute of Technology, Nagoya, has designed and built a 500 KW magnetron (device that powers any microwave-oven) – the largest such device existing in the world.

The power exceeds that used to light up the whole of the Illawarra region at night.

From Wollongong University Dr D Bradhurst, Director of MARC, has moved the frontiers of microwave application in leaching of many compounds including gold. Professor N Standish, of the Department of Materials Engineering, helped Professor H Worner pioneer the application of microwave energy in pyrometallurgy.

A request was received from the Editor of Tertangala that student journalists be permitted to attend and report on Council meetings. The Vice-Chancellor is to prepare a report for the next meeting of Council addressing this issue and outlining conditions for student attendance.

The proposals for new and deleted undergraduate and postgraduate courses and subjects were approved for 1993. New degree courses include the Bachelor of Medicinal Chemistry, Bachelor of Exercise Science, Master of Arts (Applied Ethics) and Master of Science (Midwifery).

The Policy on Plagiarism and Code of Practice - E-Mail were adopted as University policy and the revised policy on Supplementary Examinations and Special Consideration was approved for immediate implementation. (The policies will be available electronically on the Admin Server - in the Management Handbook under Public Information).

Conditions were set out for the charging of non-award students and will be implemented from the beginning of Autumn Session 1993.

The Report of the Tenth Summer Session (1991/92) was received.

The Open Learning Program on ABC TV was accepted as an alternative means of entrance to the University subject to applicants satisfying credit point and pre-requisite requirements.

A few days earlier another famous microwave scientist visited the University. He was Dr S. Nelson from the US Department of Agriculture, Athens, Georgia.

Dr Nelson pioneered the application of microwave energy in agriculture including eradication of weavels and other pests in grain.
Pam Epe appointed Research Services Librarian

Pam Epe has been appointed to the position of Research Services Librarian in the Library.

Ms Epe has worked in many sections of the Library and most recently was the Government Publications Librarian.

The Library provides a variety of information services to assist in research projects and Ms Epe’s appointment is a recognition of the need for a more specialised service for researchers.

As part of her role Ms Epe will post details of Library services in AARNet information resources and in Campus News.

Further details, contact Ms Epe, ext. 4176.

AUSTRALIS seminar

The Library conducted an information session for academic staff and local librarians on the CSIRO online database, AUSTRALIS, on Thursday 16 July.

Manager of the Information Retrieval Section of CSIRO, Sue Harvey, attended and discussed the importance of maintaining and using Australian databases as well as describing in detail some of the individual databases comprising AUSTRALIS.

There are 26 different databases loaded on AUSTRALIS.

These include ENGINE, the database of the Institution of Engineers Australia; INROADS from the Australian Road Research Board; HERA, which contains bibliographic materials about Australia’s cultural and natural history; and SCAN, a current awareness file in the science policy and management field.

Several CSIRO files, such as Research in Progress and the CSIRO Index, are also available.

Although generally a science and technology database, AUSTRALIS includes Australia’s cultural and natural history, and SCAN, a current awareness file in the science policy and management field.

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What's On

- Chairman of the Economic and Social Research Council UK, Professor Howard Newby, is presenting a special seminar, 'The Creation of Knowledge, and the Organisation and Funding of Science in the United Kingdom', for the Centre for Research Policy, in the Centre Room, in the Administration Building on Monday 7 September at 2.30pm. Professor Newby has been Professor of Sociology at the University of Essex, Head of the ESRC data archive and is the author of numerous books and papers on the sociology of rural England. He is visiting Australia for two weeks as a guest of the Australian Research Council, the Australian National University and the Centre for Research Policy. Anyone interested in attending please contact Sue Russell, at the centre, ext. 3256.

- The 1992 Bridge Recital Series continues with an appearance by the opera diva Amanda Thane (6 September, 2.30pm). Tickets are $18 ($12 concession) or $50 for a family of four. Book with Margaret Sharrad, tel. 28 1843, or Bridge Theatre, tel. 29 6144. A documentary is being made for the ABC of this performance.

- Access through open learning, with a major focus on human systems. Conference organised by University of New England, Byron Bay 7-8 September. Brochures and registration forms available Planning and Marketing, ext. 3926.

Upcoming Illawarra Committee for Overseas Students events are: 19 September, Canberra; 11 October, Harbour Cruise and Sydney Aquarium; 5 December, Australia's Wonderland. Tickets and details are available from the ICOS office in the Union Building next to the Careers and Appointments Service, Tuesday, Wednesday and Friday, 9.30am-2pm. Tel. (042) 21 3158 or ext. 3158.

- The Royal Society for the Encouragement of Arts, Manufactures and Commerce lecture by Rt Hon Sir Zelman Cowan, Australia – Looking Ahead to the 21st Century, will be held on 1 October, at 8pm, in Maclaurin Hall, University of Sydney. Tickets (free) from The Secretary, NSW Chapter RSA PO Box 83, Rockdale, NSW 2216.

- Australian Computer Conference on Information Systems hosted by the Department of Business Systems 5-8 October at the University of Wollongong. Enquiries to Gaye Herbert (042) 21 3958.


- Agenda deadlines for the 1992 Human Experimentation Ethics Committee meetings are: 24 October, 5 December. It will no longer be possible to table late items. Late applications will be held over until the next meeting.

- The Annual International Development Program National Conference on International Education is being held 27-29 October at the National Convention Centre, Canberra. The theme of the conference, International Education in the 1990s: Lifting the Barriers, is designed to address the necessity of developing strategies and taking action to lift the barriers to international education in Australia, effecting beneficial change and growth. For further information please contact Aurelia Balpe, International Development Program, Conference Secretariat, tel. (062) 858227.

Stop Press

The University has received $2m from the Federal Government towards the establishment of MOLAB. The Pentagon will be reconstructed to include a second floor to house MOLAB. Details next week.

Campus News is published weekly on Tuesdays during Autumn and Spring sessions. Send material, preferably by Microsoft Mail or on disk, to Gillian Curtis (042) 21 3110 by noon on Monday of the week before that of publication.
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