



Chisholm helps restore historic Fort island

The Minister for Tourism, and Deputy Premier of Victoria, Robert Fordham, recently opened an island in Port Phillip Bay to tourists, and Chisholm staff and students had a large part in it.

Art and Design lecturer Mike Kitson and Engineering lecturer Tony Ho and their students surveyed of the old fortifications of South Channel Fort, six kilometers from Sorrento. They were built late last century to defend Port Phillip against an expected Russian naval invasion.

The Fort is Victoria's only artificial island, and was built on a ring of 14,000 tonnes of bluestone rock dumped for the purpose. From 1888 to the First World War, up to 100 soldiers and engineers maintained the Fort, which did in fact later deter Russian cruisers from attacking shipping in the Bay.

Continued on page 2



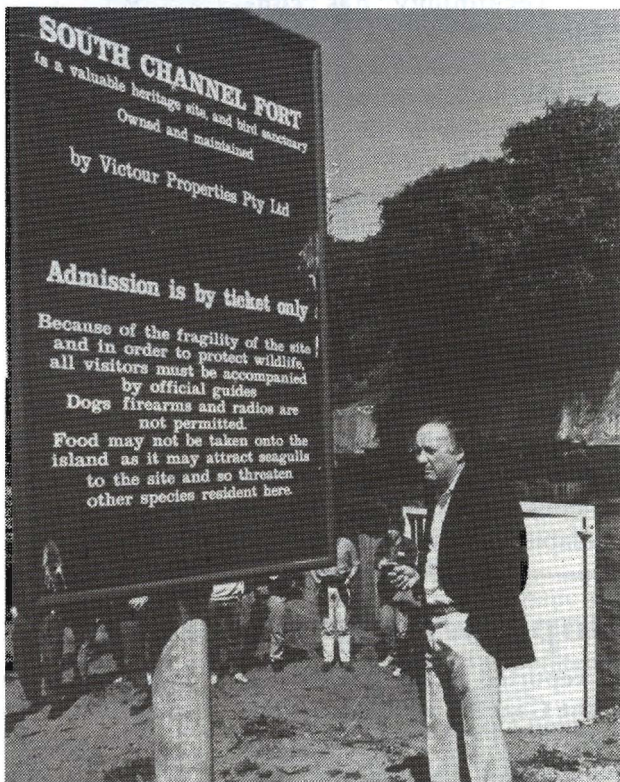
In this issue...

- Founding President dies—3 •
- Elders increase support—4 •
- New David Syme Dean—5 •
- Ingenuity Sweep—7 •
- New Gazette and PR Manual—8 •

Deadline for December 1987 edition—

Friday November 20

Contributions to Public Relations, ext 2099.



ABOVE: Deputy Premier, and Minister for Tourism, Robert Fordham opens the island to the people of Victoria, after it was acquired from the Commonwealth by the Tourism Commission.

LEFT: Art and Design lecturer, Mike Kitson, who is also the Friends of the Fort historian, shows Mr Fordham through the passageways of the old fortifications. Photos courtesy of News Corp.

Chinese Delegation from Jiangsu Province visits Chisholm

Chisholm recently played a major role in organising the itinerary for a visiting delegation from the University of Suzho in Jiangsu Province.

The delegation was making a return visit following the 1986 visit by the Minister for Education, Mr Cathie, and his party representing the higher education sector of Victoria.

Five Universities and Colleges were represented by the delegation and discussions centred on possible exchange agreements between Victoria and Jiangsu. The delegation met with senior
Continued on page 2

NEWS

CTEC Review of Engineering

The CTEC Review of the Division of Engineering and Industrial Technology has concluded.

The Committee was chaired by Sir Bruce Williams, previously Vice-Chancellor of the University of Sydney.

The Committee found that the various Departments of Engineering throughout Chisholm have a high profile, and they especially received high praise from past and present students.

The Committee of Review felt that Chisholm meets the required standards for contemporary practice and the only major criticism offered related to the availability of Library resources.

Welfare Studies Lecturer gives Cyclone Warnings to Meteorologists

Chisholm Welfare Studies lecturer, Ian Murray, was able to bring meteorology and sociology together at Darwin recently.

At the invitation of the Commonwealth Bureau of Meteorology, Mr Murray, who co-ordinates CIRDNH, Chisholm's Committee for Information and Research on Disaster and Natural Hazards, led a workshop session

at the Tropical Cyclone Workshop in September.

Mr Murray provided an analysis of what happens to warning messages after they are prepared, and the difficulty in having them understood, believed and acted upon.

Participants later expressed appreciation of the perspective of social science at their regular workshops.

Jiangsu visitors

Continued from page 1

members of Chisholm's Faculty of Technology, visited Caulfield and Frankston campuses. They

were entertained at a banquet on the evening of the visit by Council representatives.

The Institute was also represented at a welcome banquet for the delegation and a function to mark the departure of the group. Mr Cathie made particular reference to Chisholm's activities, which led to the success of the visit.

Two Chisholm groups from the School of Social and Behavioural Studies and the School of Education intend to visit the University of Suzho in the future to participate in informal discussions about future activities.

Oops, wrong project, right amount

As reported in the last edition of the Gazette, Mr Arvind Shrivastava, of the Department of Mechanical Engineering, was granted research funding, but not for the project mentioned.

Mr Shrivastava, whose name, to add insult to injury, was misspelt, was granted \$44,110 by VPSEC, but his research project is actually titled 'Towards Low Cost Computer Integrated Manufacturing (CIM) for Australia-

lian Industries using Micro-computer Based Technology'.

The Gazette was unable to discover whose project 'Emergency Preparedness and Response Modelling-System Software' is, but Arvind has already been offered a place on Chisholm's Committee for Information and Research on Disaster and Natural Hazards, and declined it, on the strength of the report.

South Channel Fort

Continued from page 1

The Fort is being renovated by the local Friends of the Fort group, and access is possible from Sorrento and Queenscliff by ferry, as well as the 'Spirit of Victoria' from Station Pier.

News in Brief

VCAH moves Staff at the Office of the Director of the Victorian College of Agriculture and Horticulture are now located on the 5th Floor of 176 Wellington Parade, East Melbourne 3002. Most telephone numbers have changed, however the facsimile number and the postal address remain unchanged.

Destination Darwin Darwin Institute of Technology are offering staff and students use of the student residences during the mid-year holiday breaks. Situated close to Kakadu National Park, the residences offer modern facilities for up to 55 people. Further information may be obtained by calling (089) 20 4591 or by writing to the Manager, DIT Student Residence, PO Box 40146, Casuarina, NT, 5792.

Chisholm Gazette Volume 4 No. 10

Chisholm Gazette is edited and designed by the Public Relations Office, and printed by Chisholm Institute of Technology Printing Services, Chisholm Institute of Technology, 900 Dandenong Road, Caulfield East, Vic. 3145.

NEWS

Ken Green, Founding President of Chisholm Council, dies

Founding President of Chisholm, Ken Green, died recently.

At its October meeting, the Council of Chisholm observed a silence in Mr Green's memory. The current President, Mr Lionel Ward, made the following tribute to him:

Mr K D Green, CB, OBE, ED, BCE(Melb), FICE, FIEAust, FASCE, FAIUS, FTS, FRIPA

"Ken Green was a member of Council from the date of the constitution of Chisholm Institute of Technology on 23 March 1982. He was selected its Foundation President in that same month.

Throughout his years as a member of Council, Ken served continuously as a member of Staffing and Membership Committees.

Ken guided Council and Chisholm throughout those early days of its history. He dealt with sensitivity and care those problems and concerns that were inherited with amalgamation, an event that touched on all of the lives of Chisholm staff at that time. Ken readily won the respect and trust of his fellow Council members, staff and those students with whom he had dealings.

This standing Ken had in the eyes of Council and Chisholm generally helped Council



Ken Green

through many difficult times when circumstances demanded diplomacy, maturity of experience and balanced judgement.

Ken served Council and Chisholm well. In his retirement, Ken was a committed and dedicated member of Council. This was

reflected in the extent of his time spent at the Institute – the hours he spent with staff, the occasions of his informal visits to the campus and the contributions of time he gave not only to Council but its standing committees.

Ken's style was easy, a characteristic for which he became well known. It was a deceptive style; it often disguised the real understanding he had of people, issues and events.

The Council, staff and students of Chisholm record their sadness on the loss of Ken from the affairs of Chisholm and extend to Phyl and Ken's family their sympathy."

Elders IXL increases Agribusiness Support at Chisholm

Elders IXL recently announced an increase in the level of its funding to Chisholm for agribusiness education. Mr Bill Dawson, Director of Personnel for Elders Agribusiness Group, said that Elders will increase its support from \$20,000 per annum to \$33,000 per annum.

Elders support the Elders IXL Fellowship of Agribusiness, a position presently held by Dr A. Clyde Vollmers from Michigan University. Dr William Schroder, of Massey University, New Zealand, has been appointed to the Fellowship in 1988.

Chisholm's Graduate Diploma in Agribusiness is the first of its kind in Australia, providing business training to agricultural and related industries professionals.

Mr Michael Nugent, Chief Executive of Elders Agribusiness Group, said that the support by Elders represented its belief in the importance of agriculture and the rural sector to the economic well-being of Australia, and demonstrated the company's

commitment to future involvement in agribusiness.

Chisholm's Director, Dr Geoff Vaughan, said that the new course would not have been established in the first instance if Elders had not made its donation. The grant demonstrated exactly the industry-relevant education processes that were now being encouraged by the government, he said.

The Agribusiness course is taught in week-long modules to allow students from around Australia to attend. The first group of students has come from Victoria, New South Wales, South Australia, the Northern Territory, Queensland and the ACT.

All students are currently employed in some food or fibre industry, either in private firms or government and statutory bodies that service rural industries.

Those interested in the course can contact Dr Vollmers on (03) 573 2304, or write to him at the Marketing Department, Chisholm Institute of Technology, PO Box 197, Caulfield East 3145.

PEOPLE

East German specialist talks on industry and education links

East German educationalist, Professor Horst Möhle of Leipzig, visited Chisholm recently and addressed Communications Studies students and staff on the relation between industry and education in the German Democratic Republic (GDR).

Prof Möhle is professor of education at Karl Marx University, and is also Deputy Vice Chancellor. He was visiting Australia as a guest of Deakin University, under the sponsorship of UNESCO.

In GDR, the equivalent of an industrial company is a Combine, in which students work towards their dissertations. Social research is supported by State funding. The demands

made on graduates are planned in relation to long term social and economic planning.

The German Democratic Republic is a country of about 17 million people, and is one of the ten most industrialised nations in the world. In 1984, it spent approximately 2,500 million Marks on research, and about 20.6 per cent of all professional workers are graduates.

Prof Möhle said that all classes were represented in tertiary studies; about 53 per cent of tertiary students are from the working class and peasantry. Although the German Democratic Republic is paying special attention to technical subjects, agrarian studies, and economics, the humanities are not forgotten. Of



Professor Horst Möhle.

the graduates, about one quarter become teachers, working at 12 large Polytechnics.

Comparing the German Democratic Republic with the Federal Republic (West Germany), Prof Möhle said that both states were engaged in developing better co-operation, as shown by the recent Heads of State visit, which resulted in science and technology agreements.

Chisholm artist's London success

Chisholm Fine Art Senior Lecturer, Craig Gough, was recently featured in a successful and highly praised London exhibition.

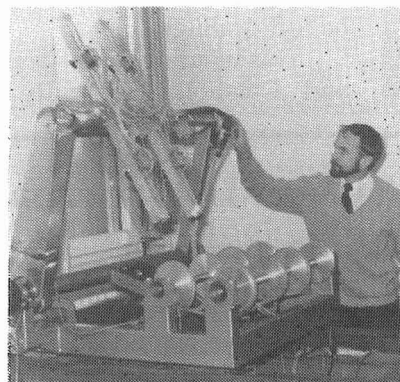
Craig was one of four Australian artists exhibited at the Gillian Jason Gallery, and he was praised in *Arts Review* of June this year as a major talent whose works evinced a sense of movement that gave his cityscapes 'vitality, unity and particularity'.

Craig was recently awarded the use of the overseas studio of Arthur Boyd, at Paretaio, near Florence in Italy. Boyd makes his four studios around the world available to other artists through the Visual Arts Board when he is not using them, and it is considered a major honour to be allowed the use of them.

ACI robot really flips

Australian glass manufacturer ACI was faced with a problem recently. Their Oakleigh South Plant has a fully automated conveyer line to manufacture automotive windows. That is, it was all fully automated except for one place. The side windows on cars have the Australian Standards brand mark placed so that they can be read from the outside, and since the windows were identical except for that, every second window needed to be flipped over manually before the sticker was applied.

ACI called in Chisholm's Centre for Robotics to design an automatic flipper to interface between the two conveyers. The Centre is a consultative and research service to industry provided by Chisholm, and is at the forefront of automated manufacturing technology in Australia.



The conveyer interface that flips, with Robotics Centre consultant Peter Wenn.

Consultant Peter Wenn designed, tested and built the required computer controlled turn-over machine in 12 weeks.

The machine is run by a programmable logic controller with the code in EPROMs. It is the first such machine produced by the Centre, and Director of the Centre, Mr Roger La Brooy, said he hoped it was the first of many.

The Centre can be contacted on (03) 573 2293.

PEOPLE

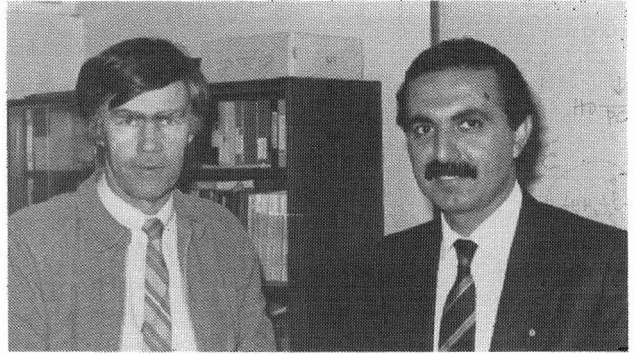
Polymer Researcher visits Chemistry Department

The Chemistry Department was host to the Vice President of Research and Development of the Californian company Mercor Inc. in September.

Dr Yilgor Iskender, here with his wife Emile, a Production Manager of Mercor, has also been Visiting Professor at Virginia Polytechnic Institute and State University for five years.

His main interest is the surface modification of polymers, to create plastics with special properties. One is in the use of polymers for artificial hearts and blood vessels, breathable wound dressings and fabrics that are better than Gortex for insulation.

Dr Iskender said that current artificial hearts created turbulence that caused the blood to clot. Modifications to the surface of the material from which they are made lessens this risk.



Dr Iskender (right) is pictured with Dr David Hewitt of the Chemistry Department.

While at Chisholm, Dr Iskender liaised with the Polymer Research Center, and during his four week visit, attended the Fourth National Conference of the Royal Australian Chemical Institute in Sydney. He also visited Swinburne and the Victorian Pharmacy College, the CSIRO at Fishermans Bend, the Wool Research Board, and a series of companies that are interested in these modified polymers.

Mercor also specialises in stabilising materials for use in space, such as Mylar coverings for solar cells, and is developing siloxanes (sand-like materials) so that a silicon-like film would turn to glass in

Cranfield Head offers funding hints

Mr Phil Digger, Executive Director and Secretary of Cranfield Institute of Technology, UK, spent three weeks as a Visiting Fellow at Chisholm during September.

Mr Digger had far ranging discussions with senior officers of the Institute and consulted in areas of budget planning, financial control, relationships with industry, the activities of Centres, staffing issues, industrial contracts, teaching and research, and other related issues currently of interest at Chisholm. Contact had previously been made with Mr Digger through visits to Cranfield by Resources Manager, John Harris and then Acting Associate Director Planning and Resources, Peter Chandler. Cranfield Institute of Technology has an annual budget of £60m of which only 20 per cent is from government education sources.

Cranfield's success has been

attributed to a decentralised system where individual Centres are responsible and accountable for all of their activities, subject to full approval for any particular venture being given by the central administration and the Institute Council.

The Centres of expertise at Cranfield belong to individual Schools and the Dean of the School has a key role in determining the future of any Centre. Activities are centred on financial planning and financial reporting.

The advice given by Mr Digger will be of great importance as Chisholm looks at the future against the recent paper by Mr Dawkins, Minister for Employment, Education and Training. The Director's office will now proceed with a position paper resulting from the Review of Centres and will include some recommendations on the advice given by Mr Digger.

LATE NEWS

New DSBS Dean announced

The new Dean of the David Syme Business School has been announced.

He is Mr Peter Chandler, currently a lecturer in Marketing in DSBS. Peter was the Acting Associate Director, Planning and Resources last year, and has a high profile both in Australia and internationally as an expert in Marketing. He graduated from Melbourne and Lancaster Universities.

Peter replaces Dr Ken Tucker, who resigned recently. He takes up the position on 1 January 1988. The *Gazette* will have an interview with Peter in the next edition.

PEOPLE

Staff Changes

Retirement

Long serving staff member, Mr Jan Luca, retired from the Institute on 26 September after 27 years of service at the Frankston campus.

Mr Luca commenced employment at the Frankston campus, when it was still the State College of Victoria, as the one and only gardener. His job then was to establish the gardens and grounds of the College from scratch, a job he tackled by himself for some years. According to his son Jim (the Institute's courier), his father remembers the Director of the day often appearing in the gardens to help with the concreting or pulling out the odd weed or two.

Unfortunately, asthma forced Mr Luca to leave the garden and take a cleaning job on campus. His last five years on campus have been spent in the security area.

Now that he has retired, Mr Luca plans to just take it easy and spend more time on his 10 acres of land at Langwarrin.

Resignations

The following staff resigned recently: Faye Boyes, Library Clerk; Stephen Carthew, Training Projects Co-ordinator, Centre for the Development of Entrepreneurs; Barbara Klar, Library Clerk; Lorraine Morse, Secretary, Educational Development Unit; Michael Singer, Lecturer, Applied Psychology; Tim Smith, Staff Officer; Richard Stevens, Senior Consultant, Centre for Business Technology; Kerrie Swadling, Laboratory Assistant, Department of Chemistry and Biology; Claire Thonemann,

Administrative Officer, Campus Manager's Department Frankston Campus; Brenden Wearne, Input/Output Assistant, Computer Centre.

New Appointments

Recent new appointments include: Ralph Anniss, Lecturer, Department of Electrical and Electronic Engineering; Angela Bailey, Secretary, Equal Opportunity Officer; Ann Evans, Administrative Assistant, School of Social and Behavioural Studies;

Jean Gourlay, Academic Services Librarian; George Margiolis, Laboratory Technician, Division of Digital Technology; William Richardson, Lecturer, Department of Accounting, David Syme Business School; Jacqueline Ryan, Assistant Academic Secretary, Department of Academic Registrar; William Schroder, Senior Lecturer, Department of Marketing, David Syme Business School; Bill Wong, Lecturer, Department of Civil Engineering, Division of Engineering and Industrial Technology.

Awards and Scholarships

• The **Netherlands Government** are offering up to two postgraduate scholarships, tenable in the Netherlands. Information and applications are available from Dick Grierson, Secretary, Netherlands Government Scholarships, Department of Employment, Education and Training, PO Box 826, Woden, ACT. Telephone: (062) 83 7649. Applications close 20 November 1987.

• An **Irish Government** scholarship is being offered in 1988/89 to enable an Australian post-graduate student to undertake post-graduate coursework on research in any faculty at an Irish university or institute of education. Information and applications are available from: Dick Grierson, Secretary, Irish Government Scholarship Selection Committee, Department of Employment, Education and Training, PO Box 826, Woden, ACT 2606. Telephone (062) 837649. Applications close 4 March 1988.

• The **Indian Government** is offering three Awards for senior educationalists from other Commonwealth countries to undertake study/observation tours in India in 1988/89. Applications and information are available from: The Assistant Director, Awards and Exchanges Section, Indian Government Senior Educationalist Awards, Department of Educa-

tion, PO Box 826, Woden, ACT, 2606. Applications close 25 November 1987.

• The **Indonesian Government** is offering two scholarships to Australians wishing to undertake one-year non-degree programs at tertiary level in Indonesia, commencing January 1988. Information and application forms may be obtained from: The Secretary, Department of Education (Indonesian Government Scholarships), PO Box 826, Woden, ACT, 2606. Applications close 25 March 1988.

• The **Finnish Ministry of Education** is offering scholarships for postgraduate study in Finland in 1988/89. Application forms and further information may be obtained from: The Secretary, Department of Employment, Education & Training, (Finnish Government Scholarships), PO Box 826, Woden, ACT, 2606. Applications close 15 January 1988.

• A vacancy exists for a lecturer in Australian Studies at the **University of Tokyo** and other Institutions for two years from April 1988, with a possible extension. Further information and application requirements may be obtained from: The Secretary, Department of Employment, Education & Training, (Australian Studies in Japan), PO Box 826, Woden, ACT, 2606. Applications close 20 November 1987.

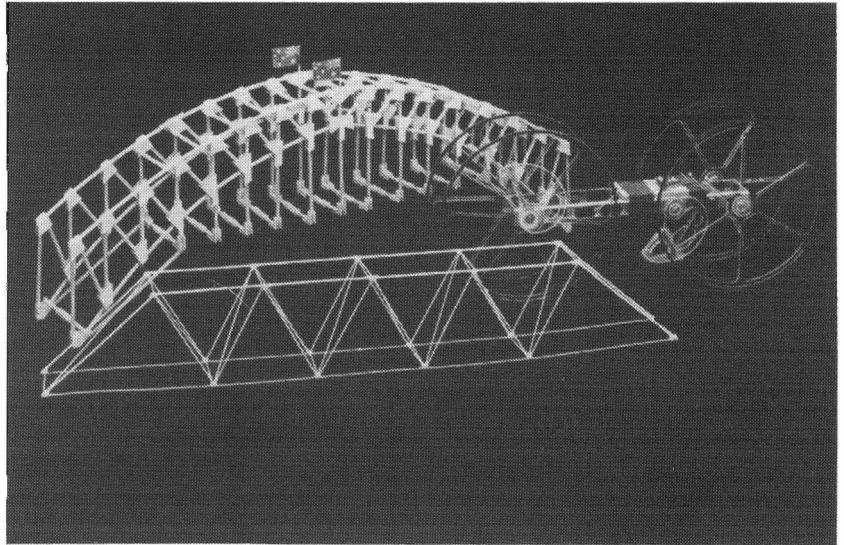
PEOPLE

Chisholm makes clean sweep of BHP Ingenuity Games

Chisholm scored well in the BHP Ingenuity Games, held in the Melbourne City Square on Thursday 8 October as part of the Professional Engineers Week. The Games included Spaghetti Bridge Building and Moustrap-powered Racers.

Chisholm Engineering students made a clean sweep of the Spaghetti Bridge Building prizes and also two out of four possible prizes in the Moustrap Racer Competition.

In the Spaghetti Bridge competition, First Year students Nang The Nguyen and Ly Khoa Long won the First Prize (\$70) in



The winning entries: strongest and most aesthetic bridges, and fastest moustrap.

Intra-Institute, the First Prize (\$100) in Inter-Institute and the Grand Final Prize (\$150). Another First Year student, Paul Fitzgerald, won the Grand Final Prize for the Most Aesthetic Bridge (\$150).

In the Moustrap Racer competition, Fourth Year Mechanical Engineering students, Andrew Partalis and Tony Lumley, won the First Prize (\$70) in Inter-Institute and also Most Ingenious Prize (\$150).

Jacqui's TV Scene

New member of staff, Jacqui Ryan, found her past catching up with her soon after her arrival at Chisholm—in the shape of an ABC television crew.

There was nothing sinister about it. Jacqui was part of an ABC documentary about what graduates do after graduation. Jacqui has a BSc from Melbourne University, where she worked for the SRC after graduating. She has come to Chisholm as the Assistant Academic Secretary.

Reporter Helene Chung was referred to Jacqui by the SRC as an interviewee for a series of six shows on higher education, covering the recent developments in education and industry. The shows will be screened next year. Jacqui and staff of 4 Queens Avenue were posed in a meeting after she had been interviewed.

Tertiary Credit Union Representatives

A number of representatives of the Tertiary Credit Union are on the Caulfield and Frankston campuses. Staff wishing to obtain information or assistance from one of these representatives may contact any of the following people:

Caulfield Campus: Yvonne McCormack, Electrical Engineer-

ing, extn. 2334/2579; Alex Glenzie, Safety Officer, extn. 2532/2362; Tom Davies, Chemistry, extn. 2168; Stewart Olney, Management Information Services, extn. 2178/2141; John Neeson, Fine Art (Printing), extn. 2231.

Frankston Campus: Brian Murphy, Education, extn. F258; Charles Meyer, Education, extn. F226; Kate Boyle, Library, extn. F275/C2442; Bob Marshall, Education, extn. F279.

Classifieds

FOR SALE—The Supply Department has the following items for disposal:

- 1 x Base printer, model 800 MS7.
- 1 x Apple IIE computer, complete with monitor, ImageWriter I printer, dual disk drives, number pad, covers, colour monitor.
- 1 x Metal cupboard on castors, two shelves with doors.
- 1 x Decwriter II printer.
- 1 x Workstation, Data Décor, left handed, brown.

1 x Texas Instruments Omni 800 8/0 RO terminal (printer).

1 x Computer terminal, Beehive model DM15, including keyboard.

For further information and offers in writing, contact Shirley Phillips, Supply Department, extn. 2096. Offers close 16 November 1987.

FOR SALE—MIX C compiler, the 'Turbo Pascal' of the language C for the best price. Includes MIX Editor and all manuals. For MS DOS 2.10 or higher. \$70. Contact John Wilkins on extn. 2099.

NEWS

Gazette to change in 1988 – new fortnightly Staff Newsletter

There will be a new fortnightly Staff Newsletter in 1988, beginning in February.

The *Chisholm Gazette* will become a colour magazine published three times a year, and in its place, a new staff-related paper called *Chisholm People* will be distributed with the pay slips.

Chisholm People will include news of staff changes, special offers, union information, notices to all staff, classifieds, and other useful information. It will be prepared by the Public Relations Office and the Printing Services Section, and all information will come from various departments and sections of the Institute, as well as individuals.

The only requirement is that contributions come in disk format from a computer or word

processor, with a printed copy. No special formatting should be used as the typesetters will use their own format commands.

All areas of Chisholm will receive a leaflet on the newsletter, with a timetable and instructions on preparing copy, early next year.

The *Chisholm Gazette* will cover stories about Chisholm news, activities, research, consultancy, high profile people, conferrings, and public attractions, as well as promoting our courses. Staff will be encouraged to suggest items to be covered.

All enquiries on these two publications should be made to John Wilkins, Public Relations Officer, extn. 2099, or Sonja King, Publications Officer, extn. 2311.

Public Relations Manual to be published soon

The Directorate recently approved a manual of guidelines for all Chisholm Public Relations activities.

The *Public Relations Manual* is the result of a number of people's work, including Brian Seddon of Graphic Design, the Public Relations Working Party which finished up this year, Printing Services, and the Public Relations Office.

It covers such topics as advertising, use of the logo, Open Day, written style, sexist language, publications, use of logos by Centres, and correct stationery designs.

Public Relations Officer, John Wilkins, said that the idea of the Manual was to make Chisholm's public relations activities more efficient and effective, and to create a cohesive image in the minds of the public.

He said that this was achieved as much by the way individual staff acted towards students and other members of the public as it was by publications and advertising, and he hoped that staff would give emphasis to both the corporate and personal PR of the Institute in their work.

A number of sections have yet to be released, including the Graphic Standards part of the Manual, and the section dealing with sexist language, but the rest of the Manual will be distributed to all offices of the Institute by the end of November, and extra copies will be available at approximately \$3 each.

Chisholm's new accounting system chosen

To be running by January 1988

Chisholm's new Accounting System has been chosen for the Vax Computer, and will be up and running in the new year, according to the new Systems Accountant, David Saint.

'Chisholm is about to embark on a new era of financial and management accounting', he said.

The Finance Committee has approved the purchase of the government-approved FMS system from Price Waterhouse Urick. The system is in use in a number of State Government departments and statutory bodies, and there is a soundly based user group, which Chisholm will join. Users include the Department of Agriculture, the TAFE Board, and Richmond and Balarat TAFEs.

The system was chosen following consultation with staff and management and evaluation of a number of available software packages.

It will handle internal financial management as well as external reporting, and a new Chart of Accounts, forms, reports and procedures are being developed by Finance Branch. The new system will become operational during January 1988.

Training will be scheduled soon and timetables will be issued to all relevant staff. Those who have not been contacted and who feel that they will require training in the new package should contact David on extn. 2371. He will also be happy to answer any other queries staff may have on the new system.

December Edition Deadline: November 20

This will be the last monthly *Gazette*. See story above.