Chisholm is holding its annual Open Day on Sunday 16 August, from 11am to 4pm on both its Frankston and Caulfield campuses. Entry is free, and there is no cost for the many displays and events.

The central attraction is the unveiling of Chisholm’s Solar Vehicle, designed to travel from Darwin to Adelaide using only the power of the sun in a race between Australian and overseas entries in November this year. It will be presented to the media on Caulfield campus at 11.45am.

In addition, there will be displays and hands-on activities of all kinds, including:

- a major exhibition of student art, and a photographic studio demonstration;
- microcomputer demonstrations and activities;
- videos on a number of subjects;
- craft and fabrics workshops;
- displays of physics, digital logic and creating images on computers;
- astronomy shows in the planetarium;
- physics “fun and games” – a half serious look at the principles of physics;
- robots in action, from the industrial to the domestic;
- silicon chips and circuit boards designed before your eyes;
- a tour of Australia’s very first computer—CSIRAC;
- engineering displays;
- computer-controlled machines;
- experimental testing of materials;
- the Chisholm Mileage Marathon vehicles, placegetters for five years in succession in the Shell Australia competition;
- testing Solar Vehicle drivers in simulated conditions;
- computer aided drafting and computer-assisted learning;
- displays of Police accident investigation equipment;
- microscopic views of rocks, and displays of geophysical equipment;
- a competition to guess the breaking strain of concrete, steel and other materials;
- laser surveying equipment;
- a model that shows why water pipes “bang”;
- testing of timber;
- computer graphics displays;
- biology, chemistry, mathematics, nursing, and health displays;
- library demonstrations, including on-line databases and Corporate Reporter;
- and many other events, talks and activities.

Students and their parents will be able to talk to lecturers and staff about course content, pre-requisites, career paths, or just ask questions about what is being shown.

Staff with queries about Open Day should contact the Chairman of the Open Day Committee on ext. 2099.
Computer facilities rationalised

Following a review of the computing needs of the Institute, a major reorganisation of the computing facilities has taken place. The changes centre primarily on the VAX computer, which has been brought into the Institute’s direct control from the Centre for Business Technology (CBT). It will be used to accommodate a new integrated finance system once word processing services have been transferred to microcomputers.

John White, Acting Associate Director – Planning and Resources, said that the service would rationalise the use of computing facilities in the Institute. This will remove high access requirements from over-loaded facilities and at the same time take the burden of administration of the VAX away from the CBT, who found it detracted from efforts to establish the primary activities of the Centre.

He said, ‘These changes are consistent with the Institute’s three-year computing plan, developed by the Equipment Advisory Committee as part of our submission for equipment funds in 1988. Further reviews of the academic and administrative computing needs will occur late this year when VPSEC advise of our likely 1988 equipment grant.’

Proposed changes

Some of the recommended changes for academic programs were:
- the creation of a new microcomputer laboratory in F4.02 and a bookable terminal room in E4.21 on the Caulfield campus;
- the purchase of microcomputers and software to link to the MV8000 and other computers through the MICOM communications controller;
- that PG1 in Business Technology use this laboratory and the Comprehensive Electronic Office software (CEO) on the MV8000; and
- that the academic needs of the David Syme Business School be provided through access to the VAX or the CEO on the MV8000. Administrative and Secretarial changes include:
  - use of microcomputers as terminals in the Faculty, the Division of Information Technology, and David Syme Business School;
  - Institute word processing being done off-line on stand-alone microcomputers, with documents being transferred to other users through the VAX, as well as other electronic Office Automation (OA);
  - investigation into extending OA to other users across the Institute, including DDT, DEIT, DMES, SSBS, Art & Design, Education, Nursing, Finance, Staff, Resources, the Development Office, the Academic Registrar’s Department, the Library and Community Services.

Ms Lynne Endacott, who is on secondment from DDT, has been administering the VAX and OA, and will be seconded to a new position in the Resources Office as Computing Resources Officer to support OA users, to liaise with the Computer Centre on OA, co-ordinate the transition with the VAX, and help provide information management systems for the management of the Institute.

The upgrading and reorganisation will proceed in two phases, the first being the microlaboratory establishment and part changes to word processing for Semester Two this year. The purchase and installation of the new Finance system, together with further shifts of the word processing load, are expected to be completed by the end of 1987.

In Brief

US Education Address Change The Australian-American Educational Foundation advises that it has relocated to the University House at ANU, Canberra, although its postal address has not changed.

Exhibition An exhibition of acrylic and oil paintings by Peter Kartsounis will be held from 10-22 August in B Block level 2 foyer. The opening is on Monday 10 August at 6pm.

Industry & Education The Department of Industry, Technology and Commerce is holding a seminar on “Tertiary Institutions and Industry Interaction” at Cossar Hall, Victorian College of Pharmacy, on Wednesday 2 September from 1–5pm. Fee is $10, enquiries to Elizabeth Andrews, on 665 6292.

Phone Books Copies of the 1987/88 White Pages are available from Supply.
NEWS

Working Class Entrepreneurs

Following the theme of John Lennon’s song ‘Working Class Hero’, but in a more positive frame of mind, two members of the Centre for the Development of Entrepreneurs (CDE) recently presented a paper at the International Council for Small Business Conference, held in Vancouver, Canada.

The topic delivered by Mr Stephen Carthew and Dr Denis Kiellerup was “Assessing the Driven: A New Selection Process for Working Class Entrepreneurs”. Their paper reported on research they are undertaking at CDE.

The “Working Class Entrepreneurs” under discussion are applicants for the New Enterprise Incentive Scheme, a joint Federal and State government program. Under the scheme, selected unemployed people are trained in new enterprise management and awarded a start-up loan to enable them to launch their enterprises.

The scheme has been operating for two years, with CDE providing an assessment centre and training for participants.

Mr Carthew’s and Dr Kiellerup’s research has identified a number of reliable predictor variables for success in admission to the training scheme. Both the research report and the scheme were greeted with enthusiasm by the international audience of 500 conference delegates.

The research is continuing with the Centre’s involvement in the New Enterprise Incentive Scheme, and the most exciting phase is yet to come — as the same variables are traced as the Scheme participants’ businesses flourish. This phase will tell the researchers and other entrepreneur developers a great deal about what characteristics make an entrepreneur a success.

Information Resource Management Seminar held

The Pearcey Centre for Computing held a one day Professional Development Seminar at Chisholm recently that attracted many managers and computing professionals.

They were there to catch up on the latest in techniques for businesses to manage their most precious resource—information. Using the latest in Fourth Generation Languages, the Centre introduced participants to the concepts and practices of Data Dictionaries and Information Modelling Techniques.

Unlike previous database models, the idea of a Fourth Generation Language is to allow the organisation to develop its own system based upon their knowledge needs.

Central Research Fund established

With an initial grant of $20,000, Chisholm has established a Central Research Fund designed to foster research within the Institute.

The Higher Degrees and Research Committee, which is responsible for administering the Fund, has received and approved 16 proposals for funding for research. The recipients were staff and higher degrees candidates in the Faculty of Technology, the David Syme Business School and the School of Social and Behavioural Studies.

Chairman, Dr Brian Costar, was pleased with the response and is confident it will assist in promoting research at Chisholm. Interested staff should contact the Secretary of the Committee on ext. 2425.
My first six months at Chisholm have been both busy and exciting.

Looking forward from my previous position at the Victorian College of Pharmacy, I expected to find a more complex position here, and I have certainly experienced this. New people, new buildings, new issues and new interests have been a rewarding personal experience.

I feel I have settled quickly into Chisholm, and I have enjoyed the challenge of getting to know the new people and a new Institution. Although I have by no means met everyone, I no longer feel that I am the “new” Director.

New policies

In a relatively short time I have found myself involved in a number of key new policies. These include the Affirmative Action Program, the Caroline Chisholm lectureships and extension of the scheme to general staff, a new corporate structure for the Student Union, new policy areas with the establishment of the School of Nursing, and a number of issues touching on the academic thrust of Chisholm.

The work that goes into any new policy or debate on a new issue very often comes from Chisholm’s many bodies: the Academic Board, the Staffing Committee, the Equal Opportunity Committee, and other committees, working parties, advisory boards and other groups. A large number of people make an enormous contribution through these bodies, and I appreciate the effort made, especially the work of the Deans of the Schools and the Faculty.

My time here has seen a number of important decisions made, in relation to key appointments, capital projects such as the buildings at Frankston and Caulfield, and submissions to Government. During this, I have committed a large proportion of my time to personally representing Chisholm at different occasions. These have included meetings with VPSEC, CTEC, the Ministry of Education, Caulfield and Frankston City Councils, and a number of other bodies such as committees of Directors and Principals, universities, TAFE Colleges, business and industry, and several conferences and seminars. Although this has meant a big time commitment, I feel that it is important to represent the Institute at the personal level as often as possible to advertise Chisholm’s exciting activities.

The future

Before my arrival, a number of reports were being prepared by external consultants. Two of them dealt with Chisholm’s structure and the role of the Centres. These are receiving my current attention, and I have received comment about the structures report from Schools, individual members of staff, and the Academic Board. I appreciate this feedback, and I am considering it in detail. The Centres Review Committee have now reported their findings from a previous report back to me and I am devoting considerable attention to the future role of the Centres.

It has been said that the only certain thing about the future is uncertainty. One certain thing, however, is a 1% cut in our recurrent grant, commencing in 1988. I suspect that other pressures will develop when the Government considers the CTEC Report for the 1988-1990 Triennium in the forthcoming Federal Budget session. The prophets of higher education forecast that many of the issues raised by the CTEC Efficiency and Effectiveness Report will also be introduced at that session.

We must be ready for these issues. One particular issue that will be with us soon is the drop in student numbers from secondary schools. It will be difficult to judge the balance between the increase in participation rates being supported by the Government and the drop in student numbers, due for 1990 and a few years afterwards. To meet that challenge, the Institute will have to be much more entrepre-
neurial, to make good the possible loss of funds through a lower student load. Courses will have to become more relevant to attract the shrinking pool of students; full-fee-paying students may well fill the gap; and the work of our Centres might be shared by an increasing number of academic and general members of staff.

Recently, Victoria published *Victoria—The Next Decade*, an economic strategy which proposed the establishment of a Victorian Education Foundation to raise funds from industry for direct support of undergraduate programs. It proposed that industry and the Government match a dollar-for-dollar fund to support programs, to meet the needs of knowledge-based industries of the future.

Chisholm has already commenced discussions with the Department of Management and Budget and the Ministry of Education on how Chisholm might fit into these future plans. The strategy also suggests an expansion of the Hastings area, a move that is of immense interest to Chisholm, especially through our Frankston campus.

**Staff Meetings**

Given my space restrictions, I cannot say much more. I will be holding staff meetings this month so that these ideas and others can be extended and questions answered. At Frankston, the meeting will be held in the Staff Lounge on Tuesday 25 August from 1-2pm, and at Caulfield, in Lecture Theatre B2.18 on the following day, Wednesday 26 August from 2-3pm. As this is a non-teaching week for most academic staff, I hope you can attend. I look forward to expanding on the points made above.

G N Vaughan

---

**Giving robots sight**

Teaching robots to see was the subject of a symposium held at Chisholm during July. The Computer Imaging Group in the Applied Physics Department held its second National Symposium on Computer Image Processing, attracting 100 participants to hear numerous Australian and overseas experts.

The major theme of the Symposium was the application of automated vision technology to Australian manufacturing industries.

Two keynote speakers were Professor Terry Caelli and Colin Archibald. Prof. Caelli is an Australian mathematical psychologist who was recently appointed Killam Professor in Science and Technology at the University of Alberta, Canada, where he also is the Director of the Centre for Machine Intelligence and Robotics. He has lectured widely in Australia, Canada, Germany and the US.

Prof. Caelli's research has concentrated on the use of mathematical modelling in understanding robotic and human vision, and he has been particularly successful in adapting computational vision technology to industry uses, a topic he spoke on at length at the Symposium.

Mr Archibald's topics concerned the lessons of North American experience over the last five years in the use of industrial vision systems for Australia. He is well placed to speak on this, as he is a Canadian research engineer with experience in the major vision companies in the US and Canada, and is presently employed by the National Research Council of Canada coordinating research into robotic vision.

The Symposium was followed by a two day workshop by the Computer Imaging Group on the Fundamentals of Computer Image Processing. The feedback from participants was encouraging and further workshops are planned.

---

Visiting Chisholm Fellows Colin Archibald (left) and Prof. Terry Caelli (right) are pictured with Dr Imants Svalbe of the Computer Imaging Group.
Noel Huggan Calls it a Day

Noel Huggan, Head of Department of Accounting since 1977, finally called it a day on 3 June. A group of his friends and colleagues gathered in the Clayfield Room to farewell him after 22 years at Chisholm and Caulfield Institute.

Noel was appointed Head of what was then the Department of Commerce at Caulfield Technical School in February 1966. For the next 20 years, he held that position through several changes of name and the creation of the David Syme Business School in 1978.

"Father of the Business School"

Acting Dean of David Syme, Dr John Onto said at the farewell, that it could truly be said Noel's contribution to the growth of accounting education had been such that he was the Father of the Business School. From the rather humble beginnings in the Church Hall which served as the Business School office, came the four strands of Accounting, Finance & Law, Marketing, and Management that ended as David Syme Business School.

Much of the groundwork that brought this to fruition, he said, was the work of Noel, and the School owed him a debt of gratitude.

Noel was presented with a router, which he said would enable him to develop his woodwork hobby to a more professional level.

Staff Changes

Staff changes at the end of June were:

Resignation
Ms Bronwyn Rolstone of Art & Design resigned after five years at Chisholm.

Death
As reported in the last Gazette, Dr N S Rao of the Department of Civil Engineering passed away.

New Appointments
Mrs Lois Cartledge was appointed Secretary to the Marketing Department. Mr Bruce Eames was appointed as Librarian Grade 1. Dr Andrew Paplinski has been appointed Lecturer 1 in the Department of Robotics and Digital Technology. Mrs Jane Rasmussen has been appointed Administrative Assistant for Schools Liaison in Community Services. Mrs Margaret Tape has been appointed as a typist in Art & Design. Ms Janet Westwood has been appointed as Administrative Assistant in Art & Design.

Awards and Scholarships

The Commonwealth Department of Education is inviting educational institutions in Australia to nominate eminent scholars and other distinguished people from overseas to visit Australia in 1988/89.

A number of Visiting Fellowships will be available under three programs: the Commonwealth Scholarship and Fellowship Plan, the Australian-European Awards Program, and the Australian-Greek Awards Program. Contact the Secretary (Visiting Fellowships), International Education Branch, Dept. of Education, PO Box 826, Woden ACT, 2606, for information. The closing date is 11 September 1987.

The Department is also administering the Fulbright Awards, offered by the Australian-American Educational Foundation, to senior academics, post-doctoral fellows, and post-graduate students, for study, research and lecturing in the US between 1 July 1988 and 30 June 1989. Awards vary to cover travel and a stipend. Contact the Secretary (AAEF Awards) at the above address. Applications close 30 September for post-doctoral and post-graduate categories and 1 December for the senior category.

The Asthma Foundation of Victoria has established a Trust Fund in memory of noted Australian journalist, the late Lillian Roxon, for a Travel Grant to those engaged in research into bronchial asthma. The grant is to the value of $2,000 for travel in 1988. Applications are available from the Trustees, Lillian Roxon Memorial Asthma Research Trust, c/- Asthma Foundation of Victoria, 2 Highfield Grove, Kew 3101. Applications close 30 September.

The H V Evatt Memorial Foundation is offering the H V Evatt Annual Essay Prize of $1,000 for an essay between 4,000-5,000 words on Dr Evatt or his work in Australian politics, international affairs, or the law. Closing date is 26 February 1988. Contact the Foundation on (02) 251 4084 or write to Suite 1134, 121 Macquarie Street, Sydney.
Day of the Pollies

Frankston campus was visited by a number of political exponents before a certain election recently.

Local members of the Liberal Party, Alan Hunt, State MLC for the South Eastern region, and Peter Reith, Federal MHR for Flinders, were joined by the Federal Opposition Spokesman for Education (below, left to right) and candidate for Dunkley, Tom Warwick, to explain their Policy on Education, on 18 June.

On the same day, Dr Neil Blewett, Federal Minister for Health, along with local sitting Federal member for Dunkley, Bob Chynoweth, visited the Division of Continuing Education to present a cheque to fund an AIDS Education in Schools project.

They are pictured above with Dale Ingamells, head of the Division, Margo Guest, lecturer in Education, Dr Ray Anderson, Acting Dean of Education, and Mrs C Benson, Executive Officer of the Frankston Mornington Peninsula Hospital Service. This was the third such grant to the Division this year.

Mr Chynoweth was successful over

Kennedy Centre
Cermics
Fellow visits
Frankston
Art & Design

Fellowship delegate from the Alliance for Arts Education at the world-famous Kennedy Centre in Washington DC, Bede Clarke, was a short term guest at Frankston campus during July.

Mr Clarke is well known for his raku (unglazed pottery) work, and he gave a firing to demonstrate his technique to members of the Art & Design School there. He also had the opportunity to observe Chisholm's Potters Workshop members while he prepared his exhibition of unusual flame-flashed pots. They were fired surrounded by such substances as seaweed, straw and sawdust in specially constructed kilns.

The culmination of his stay was a very successful one-night exhibition at the Victorian Arts Centre. He said before leaving that Chisholm had an international reputation for its ceramics work, and that he was delighted to have had the opportunity to visit.

Computer expert visits DIT

The Head of the School of Computing at Essex Institute of Higher Education spent a day at the Division of Information Technology (DIT) recently.

Mr Brian Jackson was in Melbourne to speak at the Computer Science teachers COMPSCI miniconference and he gave advice to staff on computer education for teachers.

He favours the use of industry standard software in schools, such as word processors, spreadsheets and databases, rather than special "educational" software.

The COMPSCI conference was sponsored in part by DIT and staff members Chris Rodrigues and Helen Smith presented papers.

Eleven teachers toured Chisholm's Caulfield campus to view our computing and robotics facilities and laboratories. They were addressed by Phil Steele of DIT, Bill Lindemans of the Division of Digital Technology and Jeff Hanson of Engineering and Industrial Technology on computer-related courses.
AUSTUDY after the Mini Budget

Senator Susan Ryan, then Minister for Education, announced the effects of the May Economic Statement on AUSTUDY in July.

The allowance is to rise up to $91.20 per week for an independent adult student, with similar rises in other categories, but eligibility criteria has been tightened. Students over 17 living at home are entitled to up to $60 per week, subject to personal income testing, parental income testing, and satisfactory progress.

For full information, contact Chisholm's Community Services Department to ascertain your eligibility.

New education media outlets

Staff may be interested in two educationally-related media developments.

Radio 3UZ is commencing a new talk-back program called Career Path on Monday nights from 9-10pm, hosted by Bernard Denner from the Herald. 3UZ claim that the show is unique and being listened to by all ages. Advertising is offered for career related courses, etc.

The Herald is changing direction with a welcome Science and Technology weekly column, and Susan Peak as the writer. Ms Peak is keen to hear of developments in research breakthroughs, modern technology, consumer items to aid business, computer advances, and many other areas.

A press release announcing the launching of Mind, the magazine of human behaviour has been received, and it is offering twice yearly $100 awards for tertiary research writers in the areas of psychology, sociology, anthropology and the health sciences. Articles must be verified by the Head of Department.

Interested staff should contact Public Relations Officer, John Wilkins on ext 2099 if they wish to use these features.

Campus Nursing in the UK

Frankston campus nurse Cath Collins visited a campus of similar size and make-up to Chisholm earlier this year, and discovered that Occupational Health nursing was taken more seriously than in Australia.

At Hampshire Polytechnic, which has campuses in Southampton and Portsmouth, Cath visited Jean Stanley and discussed the similarities and differences. She found that UK Nurses have a No-Strike clause in their union rules. Cath was impressed by the uniformity and organisation of UK First Aid.

Her visit was supported by the RANF and arranged through the Royal College of Nursing, London.

Equal Opportunity in Education lecture

Communications Visitors come and go...

Members of the SSBS and Art & Design farewelled two visitors and welcomed two more at a function recently.

Dr Allan Kennedy and Dr Isa Engleberg had been visiting Chisholm, and had been teaching in the Communications stream in the Bachelor of Arts. Their "placements" were Professors Howard and Beverley Sypher, who are visiting for one semester for research and limited teaching. Their speciality is in Organisational Communications.

All academic and general staff, and students are invited to attend a lecture by Dr Margaret James on Equal Opportunity In Education. Dr James is the Equal Opportunity Coordinator at Monash University.

The lecture will be in Lecture Theatre B2.14 on the Caulfield campus at 1pm on 20 August.

Enquiries regarding this lecture may be directed to Anne Rennie, Equal Opportunity Officer, on ext. 2088.

Classifieds

FOR SALE— Canon Typestar 6 Typewriter with carrying case, $350 ONO. Contact Beverley on 211 2638.