

Chisholm Gazette

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12 September 1985

Car innovators aim for Electrathon win

An electric powered vehicle designed and built by six electrical and mechanical engineering students won the most innovative design award at 'The Electrathon' competition at VFL Park on Sunday 1 September.

At the half way mark of the competition the Chisholm entry was running a creditable second, but chain problems and a back wheel blow-out put the vehicle back into the pits.

In trying to make up lost time driver, Andrew Edney, failed to take a corner, and spun out, putting Chisholm out of the race.

The vehicle notched up a total of 76 laps, achieving a peak lap time of 45 kmh.

The winning entry set a new

'Electrathon' record of 125 laps of the .6 km circuit (about 75 kms in total) in the allowed time of two hours.

Supervisor of the mechanical engineering students, Mr Paul Wellington, says it was the first time a Chisholm vehicle had been entered in the competition, which has been running for five years.

He says, the three fourth year electrical/electronic engineering students and three third year mechanical engineering students started work on the vehicle in March this year, and finished the day before the event.

Mr Wellington says despite a few teething problems the vehicle has the potential to take out a win in the next competition in May 1986.



The brains behind the design: (left - right) Maher Kharoufeh, Patrick Grandsable, Oliver Susie, Bassam Hanna, John Papansasiou, and driver, Andrew Edney.

The students came up with the unusual design of two bicycle wheels and two small outriggers to provide stability, in an attempt to eliminate the tyre and wheel problems common to more conventional three and four wheel vehicles.

The competition, run by the Australian Electric Vehicle Association, requires the vehicles to be powered by 24 kgs of batteries.

It attracts enthusiasts from a range of automotive companies and tertiary institutions.

Mr Wellington says the Chisholm entry was built as a student project and work on identifying areas in need of improvement or modification will continue.

Supervisor of the electrical/electronic engineering students was Mr Roger Riordan.

Technology training for young jobless?

Chisholm could play a pivotal role in developing a technology training program for young unemployed people in the Frankston region, according to Art and Design Dean, Mr Harold Farey.

Mr Farey recently returned from a three month fact-finding tour overseas, at the invitation of the Director, focusing primarily on the operation of ITEC (Information Technology Exchange Centres) training programs in Britain.

He renewed contact with Mr Chris Webb, the Director of the Notting-Dale Information Technology Centre in London and architect of the ITEC program, who was in Australia last year as an adviser to the Federal Government.

Mr Farey says the major target of the ITEC programs are 'young people who have dropped out with no formal qualifications and whose employment prospects are zero'.

Most are under 17 and from underprivileged areas, but in spite of that, the ITECs claim to place about 60 percent of their trainees in employment.

Their aim is to train young people in the appreciation and application of technology, particularly as it relates to the electronic office, word processing, maintenance of electrical equipment, and a wide variety of computer applications.

Mr Farey says there are about 175 ITECs across Britain, and almost all have some working relationship with the local community and industry.

He believes similar programs could succeed here, and that

Chisholm is well placed to initiate or implement them given its skills and resources, and its physical location in an area of one of the highest concentrations of youth employment in the State - Frankston.

Working in collaboration with organisations such as the Melbourne City Mission and local government, Chisholm could assist in training unemployed youth in a number of ways, for example:

- A centre could be physically set up on campus.
- The Institute's facilities and equipment could be accessed during evenings.
- It could assist trainees in their return to mainstream education (done with considerable success by ITECs in Britain, Mr Farey says).
- It could help by actually writing training programs.

With this in mind, Mr Farey brought back many of the programs currently being used by ITECs in Britain, for example, the DIGITAL company provided details of all their programs

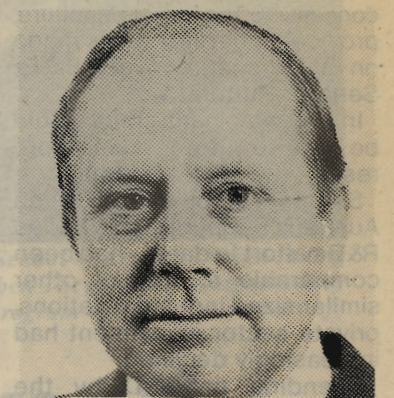
As a result, if the Institute decides to initiate such a scheme it 'won't have to start from square one in writing programs'.

Monitoring current trends in distance learning, and tele-education in particular, was another focus of Mr Farey's trip.

He attended a national conference in Birmingham which addressed the issue, and observed that 'huge sums of money have been spent by the British government in paying for private organisations and government funded organis-

ations to address a whole spectrum of training needs'.

He found that the tele-education packages available in Britain covered almost all facets of education, and ranges from the very basic to the very sophisticated.



Mr Farey

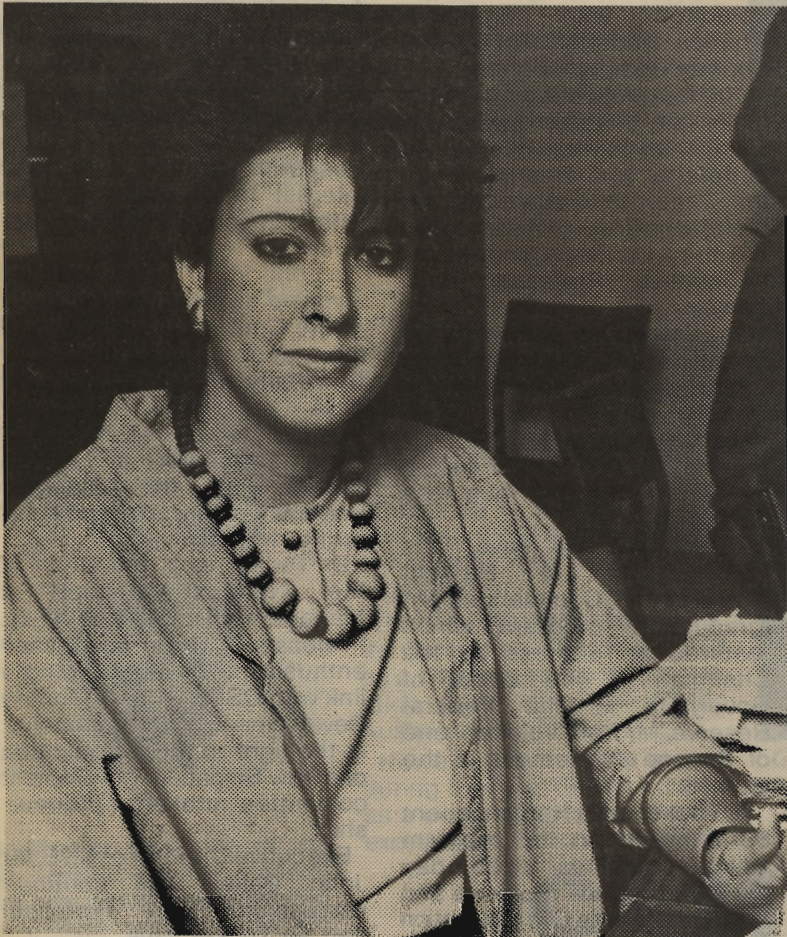
Relating his observations to Chisholm, Mr Farey says the Institute 'has the range of professional expertise to really do a first rate job of designing educational material - I would be arguing that there's a part there for Chisholm to play'.

Other highlights of Mr Farey's trip included:

- A meeting with Dr John Vince of Middlesex Polytechnic - a leading exponent of computer graphic imaging, who will be a visiting fellow at Chisholm next year.

- Taking part in the CIGGRAPH conference in San Francisco, the biggest computer graphics conference in the western world.

A full report of Mr Farey's activities overseas will be available soon for presentation to the Director and Council.



Chisholm Frankston student, Ms Andrea Ross, will soon be the Institute's first graduate from the Frankston campus with the double-degree Bachelor of Applied Science/ Bachelor of Business (Computing and Accounting).

An outstanding student, she is the Chisholm nominee for the Tertiary Student of the Year Award, a national award sponsored by the Australian Computer Society and the Computer Weekly newspaper.

During the course of her studies, Ms Ross has consistently topped her classes and has received five prizes for academic excellence:

- The DATEC Prize for the best results in second year Computer Programming and Systems.
- General Motors-Holden Prize for the top student in cost accounting.
- Price Waterhouse Prize for

Andrea aims for the top

the best financial accounting student.

- Joint winner of the Hungerford Prize for the best final year management accounting student.

- Butterworths' Book Prize for 1984 for best financial accounting student.

Ms Ross was also the first Chisholm student to achieve a perfect score of 100 percent in the second year subject Cost Accounting.

After graduating she hopes to work as a management consultant in business and computing - she has already received job offers from a number of prestigious management consulting firms.



WELCOM workers start

Two project officers have been appointed to run Project WELCOM, a joint initiative of Chisholm and Caulfield City Council.

They are Ms Angela Borg, 23, a Monash University arts graduate, and Ms Dora Levakis, 27, an arts graduate of Victoria College.

The project officers have been employed for 12 months under a Commonwealth Department of Employment and Industrial Relations grant, to get Project WELCOM off the ground and run it under the guidance of a Project Steering Committee.

The project's aim will be to encourage the outside community to make greater use of the Institute's resources.

Specifically, it will be the project officers' job to:

- Identify, classify and catalogue all the resources of the Institute.

- Develop appropriate criteria for assessing each of these resources for their suitability for public access and availability.

- Liaise with the local community service networks in the three councils on the

Caulfield campus boundaries to ensure those resources assessed as suitable for community use are made known and physical access is provided where necessary.

- Advise other community groups, particularly secondary schools, of the available resources and how they can be used.

Ms Borg believes 'it's a tremendous idea that Chisholm is opening its doors to the community - to make the Institute more of a community centre as well as an educational centre'.

Ms Borg and Ms Levakis started at Chisholm in August. They are based at 29 Railway Avenue, extension 2179.

The project officers welcome as much staff input as possible.

- 'WELCOM' to Chisholm Angela Borg (left) and Dora Levakis.

The Federal Government's 150 percent tax incentive for research and development would be one of the most important means of lifting Australia's level of R&D.

Announcing details of the scheme, the Minister for Industry, Technology and Commerce, Senator John Button, said it would also provide research institutions with a greater practical commercial orientation.

Although the main aim of the tax concession was to improve levels of R&D undertaken by the private sector, the Government was also confident it would encourage a revitalisation of publicly funded research institutions which carry out most of Australia's R&D.

Companies which contracted R&D work to these institutions would be able to claim the concession for the expenditure, provided charges were made on a full-cost-recovery basis, Senator Button said.

In this way institutions would be able to attract much more research work from industry.

Senator Button said although Australia's publicly funded R&D's effort to date had been comparable to that of other similar sized industrial nations, private sector investment had increasingly declined.

Spending on R&D by the private sector fell from 0.42 percent of GDP in 1973-74 to 0.22 percent in 1981-82, compared with overseas expenditure levels of, for example, 1.5 percent in the Federal Republic of Germany and Japan, 1.3 percent in Sweden and 0.48 percent in Canada.

The new scheme will mean companies undertaking R&D will pay only 31 cents in the dollar on research.

Chisholm Development Director, Dr Bill Briggs, has been closely involved with R&D for many years, and as former general manager of ICI was responsible for an annual research budget of \$2.5 million.

He has witnessed over the past 20 years the major shift by Australian companies from developing their own ideas and technology to importing them from overseas.

Commenting on the decline, in private sector R&D investment, Dr Briggs says: 'While there is often a case for

R&D tax scheme a shot in the arm for Oz research

importing technology, rather than 're-inventing the wheel', the abandonment of research meant that industry no longer had the skills to properly assess overseas technology or sort out the problems which often arose in its application.

'The progressive depletion of research and development personnel in industry has meant many companies no longer have the resources to take up the opportunities offered by the Government's 150 percent tax incentive.'

This is where institutions such as Chisholm come in, having the resources available to fill that gap.

Dr Briggs says the Development Office has already contacted a wide range of companies in the manufacturing

sector drawing attention to these opportunities and Chisholm's expertise in terms of staff and equipment.

'The Institute sees staff involvement in such R&D work as important not only using Chisholm's strengths, expertise and equipment to provide a much needed service to industry, but also to enhance the quality of education provided by Chisholm and to offer the opportunities for personal development of its staff.'

Dr Briggs says Chisholm is an approved research organisation under the Government's industrial research and development grants legislation, and companies using its services on appropriate projects are eligible for the tax concession.

Chisholm's Projects Office has established itself not only as a valuable Institute resource, but also as a researcher and information provider for outside organisations.

Under the umbrella of the Educational Development Unit and the direction of EDU head, Dr Charles Noble, the Office acts as a 'strategic advice unit', providing background documentation and secretariat support to the Deans' Board and Directorate, in addition to tackling specific projects.

'Since the Office was set up in March the range of projects has been incredibly diverse,' Dr Noble says.

They have included investigations of:

- The proposed two-tier technology course.

- Triennial planning, in association with Associate Director (Administrative and Educational Services) Dr Graham Trevaskis.

- The issue of tertiary fees.

Dr Noble says the structure of the Projects Office grew from the development of the Chisholm Planning Document by the Institute Planning Working Party.

Chisholm's advice bureau

Implementation of the Document will continue to be a major function of the Office - the issue will be a focus of discussion between Council and the Deans' Board in October.

But the work of the Office is not just limited to issues which directly affect the Institute.

Currently Dr Noble is involved in research for Murrumbidgee High School, under a Participation and Equity Program grant, into school/home communications.

Dr Noble says he is hopeful that 'this type of external project will continue', and that in future the Office will take on more grant-supported research, consultancies and possibly short courses.

He stresses that the Projects Office is 'not a decision making body in any way' - its aim is to keep staff, particularly at senior management level, informed of current developments of significance to the Institute.

Tucker's travels

David Syme Business School Dean, Dr Ken Tucker, has recently returned from three months study leave which took him to the USA, Europe and South East Asia.

The main focus of his trip was to complete work on a book, 'Firms and Markets,' which he co-edited with Professor Charles Baden Fuller at the London Business School.

Due for publication by Croom Helm late this year or early in 1986, the book is a collection of papers by former students of the internationally known professor of industrial economics at the London School of Economics, Professor Basil Yamey.

Dr Tucker also concentrated on advancing research for the ASEAN-Australian Joint Research Project, dealing with internationally traded services.

In the USA, Dr Tucker visited several centres of business education.

A highlight, he says, was taking part in Harvard University's Commencement (graduation) program, which featured an address by the Chairman of the Board of Governors of the Federal Reserve, Mr Paul Volcker - one of the top economists in the country.

Dr Tucker says Harvard spent \$3/4 million on the program which combines open day activities, alumni reunions and academic events with graduation ceremonies.

Hungarian migrants focus of new study

The first study of the Hungarian community in Victoria is being undertaken by Chisholm Computer Centre staff member and sociology graduate Mrs Anna Ambrosy.

She has been appointed research officer for the Hungarian Community Project, a government sponsored initiative aimed at developing a profile of an ethnic group which numbers about 16,000 in this State.

Mrs Ambrosy will be responsible for planning the project, conducting surveys of sample sizes, training volunteers and producing the final report.

'It's a really big job,' she says.

Mrs Ambrosy is herself a Hungarian migrant of the group which fled the country in the

immediate post-World War 11 era. Last year her book, 'New Lease on Life,' was released to widespread acclaim.

It is an in-depth sociological study of the way three separate groups of Hungarian migrants have assimilated in Australia - those from her own group, those who left following the uprising in 1956 against Russian domination, and the more recent arrivals in the 1970s.

The book resulted from research Mrs Ambrosy carried out while studying for her Bachelor of Arts at Chisholm.

Mrs Ambrosy will spend the next year, on leave of absence, continuing her research into the Hungarian community.

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Mythology undermines effective disaster response: Murray

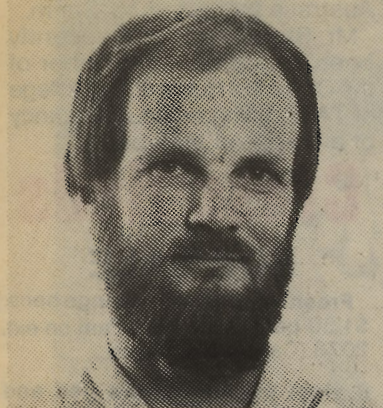
The low priority given to the social and behavioural aspects of disaster research in Australia is a matter of grave concern to Chisholm disaster expert, Mr Ian Murray.

Mr Murray, a Welfare Studies lecturer and co-ordinator of the Centre for Information and Research on Disasters and Natural Hazards (CIRDNH), says only limited local human-oriented disaster research is being done, it is on the decline and the lack of it is preventing effective steps being taken to mitigate the impact of disasters.

In a paper presented at the Disaster Science Session of the recent ANZAAS Conference at Monash University, Mr Murray pointed out that effective research had been carried out on scientific and technological aspects of disasters and responses to save property and lives formulated.

'Disaster mitigation has traditionally included such measures as dams, reinforced buildings and improved radar coverage, and more recently, non-structural adjustments have been added, such as flood plain mapping, land use planning warning systems, insurance and community awareness campaigns.

'But both technological solutions (such as cyclone resistant housing) and human oriented ones (such as bushfire awareness campaigns) are not being well implemented because of complex social, behavioural and political factors which are poorly understood and yet are not being researched within Australia.'



Mr Murray

Mr Murray says one of the main obstacles to disaster research being implemented was 'disaster mythology' which even experts in disaster technology and experienced emergency workers often believed implicitly.

He says research has concluded that, contrary to popular myths:

- The vast majority of disaster victims are not stunned and helpless.
 - They do not break down mentally.
 - They do not panic.
 - They turn to family and friends for initial help and shelter rather than to official organisations.
 - The crime rate actually decreases.
 - Looting is rare following a disaster.
 - General evacuation prior to even a serious bushfires is unwise and unnecessary.
- 'Further research is necessary to explore the effect of such myths on disaster managers and the general public alike,

and to discover how best to get proven adjustments to disaster adopted and implemented.'

Questions such as why people rebuild their homes in exactly the same place, using the same materials and the same design after a devastating bushfire, should be tackled.

'It's important to get the solutions implemented, and to do that we must find out why people do not adopt the solutions available to them,' Mr Murray says.

Maintaining public awareness of potential dangers in the absence of a recent disaster, is a key issue.

Mr Murray points out that 'virtually all of the lessons learned after Ash Wednesday had already been learned after Black Friday.'

He says a major problem is that 'people's memories are short.

'There's always lots of public attention immediately after a disaster but within five to 10 years it all becomes routine, and even well practiced methods become out of date.'

He warns that unless research is continued into how to maintain public awareness of the issues, the same mistakes will be made in future disasters as in the past.

'A crucial political strategy would be to try to find, establish or educate a highly placed public official, decision-maker or policy advising body so that such human-oriented research is given its rightful priority.'

Mr Murray is a recognised expert in the field.

He is a member of the International Research Committee on Disasters (based in Sweden), and is the vice-president of the National Disasters Action Committee which works on behalf of disaster victims.

Currently he is attempting to revitalise CIRDNH, possibly in conjunction with an external organisation.

Because of funding constraints, the Centre has acted since 1979 as a clearing house for information about disasters in the Australian context.

However, in its early stages during the late 1970's it acted as a unique forum for disaster experts from throughout Australia.

Creating a 'Faculty of Excellence' recognised as THE place for technological education is Dr Roy Williams' goal.

Two months after his appointment as the first permanent head of Chisholm's Faculty of Technology, he is confident the goal can be realised.

Dr Williams has been greatly impressed by the professionalism of his staff and their enthusiasm in working toward development of the Faculty.

'The potential here is absolutely superb - there's no shortage of ideas and the work by staff in the new Faculty should be applauded,' Dr Williams says.

He stresses that the success of the Faculty will lie in ensuring the technological education it offers is 'relevant to this day and age,' as well as preparing students for the future.

Another important responsibility will be the contribution of the Faculty to the development of the Frankston campus.

Dr Williams says there is 'tremendous potential for the

Excellence is Williams' aim

Faculty as a whole and the Institute in general for reaching out and providing for the needs of students and for industry in the Dandenong/Westernport/Mornington Peninsula regions serviced by Chisholm Frankston.'

The introduction of tele-education at Chisholm 'could open up significant opportunities for people in that region,' Dr Williams notes.

The issue is currently being examined by a small working party with Dr Trevor Pearcey, Foundation Dean of the Faculty, providing the lead.

The group is looking at the problems involved in getting a tele-education pilot program off the ground - both technically and educationally.

Dr Pearcey is to prepare a report to Council on this initiative by October.

Dr Williams says he is also excited at the prospect of the two-tier technology course, now in the final stages of preparation.

'This intersectoral link with TAFE is a very significant achievement and all concerned should be congratulated,' Dr Williams says.

Developments such as these auger well for the Faculty's future.

Dr Williams believes a major part of his job will be to ensure the Faculty is successfully marketed to all sectors of the community.

'Exactly the same principles applying to a business product apply to education.

'What we have to continually keep in mind, and what we must never lose sight of, is the fact that the whole purpose of our existence is to train and educate students to meet present and future needs.'



Graphic Design student, Lisa Cromer, is one of 30 women students of the School of Art and Design taking part in the 'Women in Art' exhibition at Chisholm Caulfield until 16 September. The exhibition, organised by Chisholm Concepts, is being run in conjunction with the 'Women 150' program of activities as part of Victoria's 150th birthday celebrations.

CAMM models the mail

Chisholm's Centre for Applied Mathematical Modelling (CAMM) is developing a computer-based simulation model for Australia Post's National Letter Sorting Project.

The Project, established last year with the aim of improving overall efficiency in mail sorting through the installation of mechanised and Optical Character Recognition (OCR) equipment, involves an examination of the 40 or so mail centres throughout Australia.

A five man CAMM team comprising Clive McCann, Paul Lochert, Stephen Miller, Nick Yannios and Bruce Stephens, has been working on the consultancy for Australia Post since early this year with Project Manager, Graeme Hamilton, of the National Letter Sorting Project.

According to Mr McCann,

Chisholm won the contract from a field that included several other tertiary institutions.

CAMM's task is a complex one since mail sorting is influenced by so many factors such as the time mail arrives at a mail centre, the time it must leave (often to a range of destinations), the method of mail sorting and the availability of staff.

Because of that, Mr McCann says, 'mail sorting is not simple to simulate, let alone optimise'.

The work involves:

- Development of a data base module which will have data entered for each mail centre. Mr McCann says this will enable modelling of each mail centre, and the simulation of mail and processing requirements within a 24 hour period.
- Development of an

optimisation procedure (linear programming) to determine the best operating conditions for each mail centre.

- Development of possibly two forms of model - a planning model (based on the actual setting up and planning of mail centres, existing and proposed), including planning for the installation of the latest letter sorting and indexing equipment available, and, if a need exists, an operations model will be developed as the second stage (focusing on the day to day running of mail centres, including staff requirements and costs, shift times, etc)

Mr McCann says the National Letter Sorting Project's existing computer model was designed and programmed a decade ago and was operating at the limits of the host computer's capability.

It did not take into account the new equipment now available and could not be expanded to do so.

CAMM's job, Mr McCann says, is to 'write a more efficient simulation package that will take into account all the options the National Letter Sorting Project needs to consider'.

To date, the CAMM team has completed the data entry and simulation models, and is currently working on the optimisation procedure, due to be finished shortly.

After that CAMM will continue its association with Australia Post as an ongoing examination of options takes place.

Mr McCann says it is likely a number of training courses will be run by CAMM for Australia Post personnel from each of the States.

Fear of computers still an obstacle



Victorian Tourism Commission Chairman, Mr Don Dunstan launches the conference at the Caulfield campus on 28 August.

The impact of new generations of technology on computing education in Australia was the central theme of the 16th Annual Computer Conference of Australian Colleges of Advanced Education, held at Chisholm from 28 - 30 August.

Specific areas tackled at the conference included information systems, computer technology, software development, applied computing education and college administration.

Delegates from CAEs throughout Australia attended the conference - the first to be hosted by Chisholm.

It was launched by the Chairman of the Victorian Tourism Commission, and former Premier of South Australia, Mr Don Dunstan, who spoke of the difficulties being faced by the tourism industry in the transition to a computerised central information system.

By nature the industry was highly 'information intensive' and in theory well suited to the introduction of computer technology.

But Mr Dunstan said problems were being experienced in training personnel to be computer literate.

He said an ideal situation would be to equip travel centres with computer terminals and video screens to enable the public to find out information about holidays and places themselves.

This had been done as an experiment at one centre, but 'public reaction was to avoid them entirely - the problem is that people are frightened of using computers - they shy away from them'.

'We still have quite a way to go', Mr Dunstan said.

'While we are undoubtedly training people to be familiar with computers, the average member of the public at the moment and the average position at the clerk level are not.

'Because of this it's taking us a long time to use the technology as we had hoped'.

Mr Dunstan said both the human and technological issues of computing needed to be addressed.

Smith joins ACDP study

Chisholm Staff Officer, Mr Tim Smith, has joined an Australian Committee of Directors and Principals (ACDP) working party established to examine professional development in CAES.

The working party's job will be to identify areas which should be the focus of a report on the professional development of - administrative staff, and women academic and administrative staff in particular.

Mr Smith has been charged with preparing material on the needs of Institutes, including the extent of planned and directional staff development, and to provide information on the current availability of staff development programs on a national and local basis.

Chisholm's Visiting Fellows Committee is seeking more nominations for Australian visiting fellows to the Institute.

Committee Secretary, Ms Pat Hanlon, says at its last meeting the Committee expressed disappointment that few Australians had been nominated in recent years.

The Committee 'would be delighted to receive nominations/proposals for the appointment of Australian visiting fellows or exchange/secondment of staff, not necessarily straight swaps, but perhaps people in similar areas with different experience and expertise from Australia, Asia and overseas', Ms Hanlon says.

The Committee is also seeking to promote greater staff awareness of the Visiting Fellows Program and of other Commonwealth scholarship and fellowship schemes.

Council policy on the appointment of visiting fellows is in the Staffing Procedures

Local fellows sought

Handbook and information on other programs and awards is held in central registry files.

Ms Hanlon says the Committee believes staff should be encouraged to think ahead and nominate visiting fellows with expertise in discipline areas planned for future development, and to obtain external sponsorship and funding for visiting fellow appointments.

The Committee is also seeking to promote co-operation between Chisholm and other Institutes and external associations in putting forward proposals for visiting fellows, in the same way as joint proposals are currently being put by Schools, Departments and Centres.

Study, grants, information

JAPAN LECTURSHIP

A vacancy exists for a lecturer in Australian Studies at the University of Tokyo and other institutions for one year from April 1986.

Applications should be of lecturer-professorial level and be qualified to conduct an introductory social sciences course in fields such as Australian government and politics, the nature and evolution of contemporary Australian society of Australian foreign policies and international relations.

Preference will be given to applications with some ability in Japanese language.

Closing date: 27 September, 1985.

FULBRIGHT AWARDS

Applications are open for the 1986 Fulbright Awards for study, research and lecturing in the USA between 1 July 1986 and 30 June 1987. The three categories of awards are Senior (awards for travel only), Post-doctoral Fellow (up to \$9000 p.a. plus travel) and Post-graduate Student (for travel only).

Closing date: 30 September for the Post-doctorate Fellow and Post-graduate Student; 30 November for the Senior category.

THE EDGEWORTH DAVID MEDAL

The Edgeworth David Medal is awarded for distinguished contributions by young scientists. Nominations are called for the names of suitable persons who have contributed significantly to science, including scientific aspects of agriculture, engineering, dentistry, medicine and veterinary science.

Closing date: 30 September, 1985.

INTERNATIONAL FELLOWSHIPS

The Institute of International Education is announcing the International Fellowship Program 1986-87. The Fellowship is open to qualified students for graduate study in the United States in any field.

● For more information/application forms, contact the office of the Development Director, Dr Bill Briggs, A1.12 (Caulfield) or telephone ext. 2111.

WHAT'S ON

CAULFIELD ARTS CENTRE

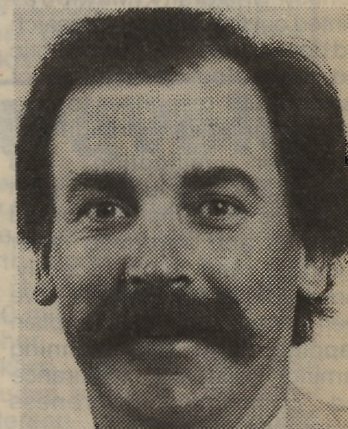
Judy Cassab Survey Show - documenting the artist's development from her earliest years as an artist to her present distinguished place in Australian art. 14 and 15 September.

Caulfield Community Photography Group - an exhibition of photography, 'Caulfield and its People'. 17 - 22 September.

The Arts Centre opens 10am - 5pm on weekdays and 1 - 5pm on weekends. 441 Inkerman Road, Caulfield, telephone 524 3277 or 574 3287.

GAZETTE DEADLINE

Deadline for the next GAZETTE on 26 September is Wednesday 18 September. Copy can be left at the Public Relations Office, C1.08 (Caulfield) or telephone the Publications Officer, Sue Couttie, ext. 2311.



The working party comprises Dr R D Gibson, Director of Queensland Institute of Technology (Convenor), Ms J Anderson, the Personnel Officer of Capricornia Institute of Advanced Education, Dr L J Barker, Director of Darling Downs Institute of Advanced Education, Mr A J Lonsdale, Head of Educational Development Unit at WAIT, Dr J Maling, Acting Principal of South Australia CAE, and Mr Smith. Mr Smith has also recently been appointed as member of the Council of Holmesglen College of TAFE, filling a casual vacancy of a co-opted member.

Classifieds

FOR SALE

Fresh eggs from free range hens. \$1.50 per dozen. Ring Pam on ext. 2073 (Caulfield campus).

6 vinyl kitchen chairs (red and white) \$5 ea or best offer. 2 cane chairs \$10 ea (best offer). Bonaire Air Conditioner (on wheels) \$175 (or best offer). Single bed and inner spring mattress \$50. M Bail (Library - ext. 2450).

VW Beetle 1966. Registered October. Fair cond. but motor needs work \$50. Telephone Ann, 418 8291 (W) or 370 5525 (H).

FOR RENT

East Malvern/Chadstone area. Available immediately till 30 November. \$150 negotiable. Brick veneer, lounge, 3 bedrooms, modern kitchen, small rumpus room, 2 bathrooms, above ground swimming pool. Close to East Malvern railway station and bus.

Glen Iris Large two storey weatherboard house close to Summerhill Road, 5 minutes to bus and station. \$150 per week. Available immediately on month to month tenancy. Contact Mrs Ellis 569 5788 (AH).

Seaford: New double storey beach front apartment. 2 BR's, wv carpet, garage. \$110 p.w. Telephone Michael,

Classifieds in the Gazette are free. Send your advertisements to the Public Relations Office, C1.08, Caulfield campus.

TRAVEL DISCOUNTS FOR T.C.U. MEMBERS! SAVE SUBSTANTIALLY ON YOUR HOLIDAY COSTS BY JOINING THE HOMESTEAD TRAVEL CLUB

Homestead Motor Inns have offered FREE membership of their Travel Club to Tertiary Credit Union members.

Enjoy the following benefits simply by filling out an application and mailing it to the Credit Union -

- 10% off room only costs at any of the 350 Homestead Motor Inns in Australia, plus 10% off room only costs at any of the 3000 Best Western Motor Inns throughout New Zealand, UK, France and Mexico.
- 25% off Budget Rent-a-Car standard flat rates in Australia or New Zealand.
- 25% discount off membership of the Goodyear Car Owners Club which includes discounts in excess of \$200 each year off the cost of tyres, batteries, brakes, car servicing, tune-ups and front-end repairs (117 outlets throughout Australia).
- Windscreens O'Brien offer exclusive rates to Travel Club members from any of their 67 locations.

* Your Homestead Travel Club Card will be mailed to you approximately two weeks from receipt of your application.

TERTIARY CREDIT UNION

- It's All Yours!

BRIEFLY

VK3BPR calling

A group of electrical engineering students and staff are keen to revitalise the Chisholm Amateur Radio Club (VK3BPR).

The group is seeking to renew the licence for the Club, which has been out of action for the past few years.

All Chisholm students are eligible to join, whether they have an amateur status or not.

Anyone interested should contact Ms Yvonne McCormack at the Department of Electrical Engineering, B3.13, ext. 2579 or 2334 (Caulfield).