

# Chisholm Gazette

Vol 1 No 14

13 September 1984

## Technology a sink or swim decision says Kennedy

Australia must decide to set its sights on the pursuit of high technology and technology education, or accept the consequences of being left in the wilderness.

That was the message hammered home time and again to Chisholm's Deputy Director, Dr Tom Kennedy, on his recent three month tour of duty to Britain and Japan.

He was impressed by the Japanese commitment to higher education and found its investment in high technology 'stunning'.

This was in contrast to Britain, where, like Australia, the pursuit and development of high technology has been sluggish, and the financial commitment to higher education under threat.

Dr Kennedy observed that Polytechnic institutions in Britain (comparable to Australia's CAEs) were 'by and large doing fairly badly.'

He said the notable exceptions were those which had opted for a change in direction, and embraced, for example, the information technology initiatives and goals set for British manufacturing industries by the government in the areas of:

- Very Large Scale Integration (VLSI) Silicon Integrated Circuits - which gives the capability of interconnecting efficiently the very large number of logic elements needed for data and signal processing.
- Software Engineering - aimed at improving the efficiency of the specification, generation and maintenance of the program instructions for Information Technology systems.
- Intelligent Knowledge Based Systems (IKBS) - includes more powerful information processing systems and a more effective transfer of human intelligence and knowledge to the computer, and computer systems that are easier to build.
- The Man/Machine Interface (MMI) covers visual, speech, and touch input/output devices, and a better understanding of the nature of communication between the user and the machine.

Dr Kennedy said those institutions which had accepted the challenge of the new initiatives had done so by 'making difficult decisions about whether to maintain their existing programs at current levels or making room for new ones.'

He said it appeared they had made the right decisions: 'Certainly some of the Polytechnics taking on the universities on their own terms, and have been highly successful in securing government money.'

This was an indication that 'there's opportunity for those who show initiative and boldness', both in Britain and in Australia.

Dr Kennedy spent the last part of his tour in Japan, visiting around 20 corporations and higher education institutions.

Compared with Britain he found a 'very different set of circumstances.'

'Investment in high technology in Japan is just stunning - there's no other word for it.'

'But it's a nation which places enormous importance on higher education. Competition among young people to get into higher education is very very fierce and the pressure to perform is really quite awesome.'

Technology education especially is given solid financial backing by the government, compared with Australia, where higher education in general is battling a cash squeeze, and where funding for technology research and development has been recently effectively cut.

'What is encouraging in Australia is the government's move to restore participation rates in higher education to the values of the mid 1970s.'

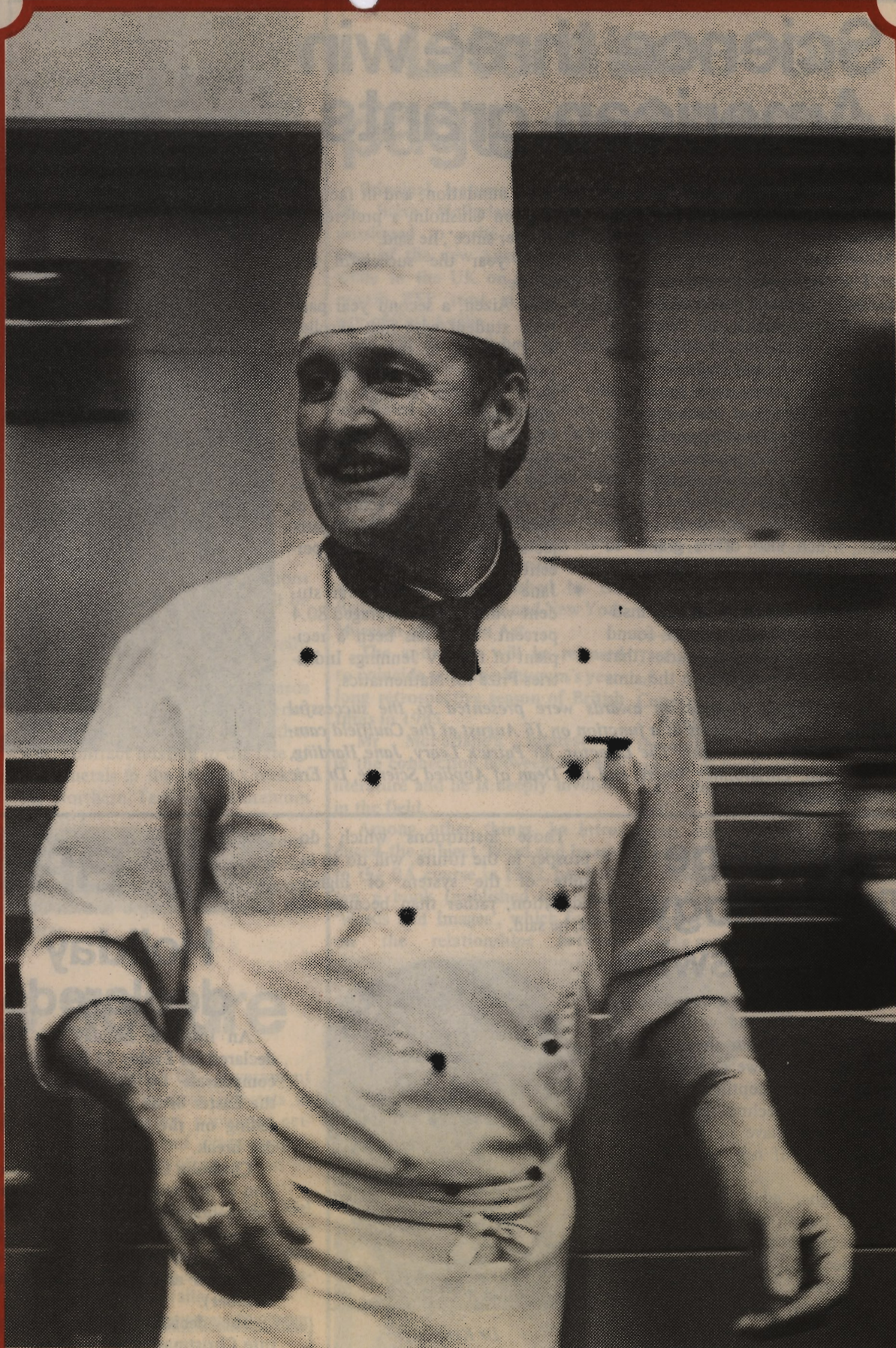
'The problem is that the commensurate resources are not accompanying this'.

But Dr Kennedy said the price Japan has paid for its remarkable developments has been very high - in terms of pollution, urban sprawl, and quality of life.

'Maybe one of the problems facing Australia is that it's a price we are not willing to pay - but if you're not in it you fall further and further behind, and in the end lose much of the quality of life you were trying to protect.'

'In that sense technology is a treadmill which you cannot afford to get off. The sociological consequences do not seem to me to be receiving much attention anywhere in the world, Japan and Europe included'.

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## Photo-Graphic view of staff

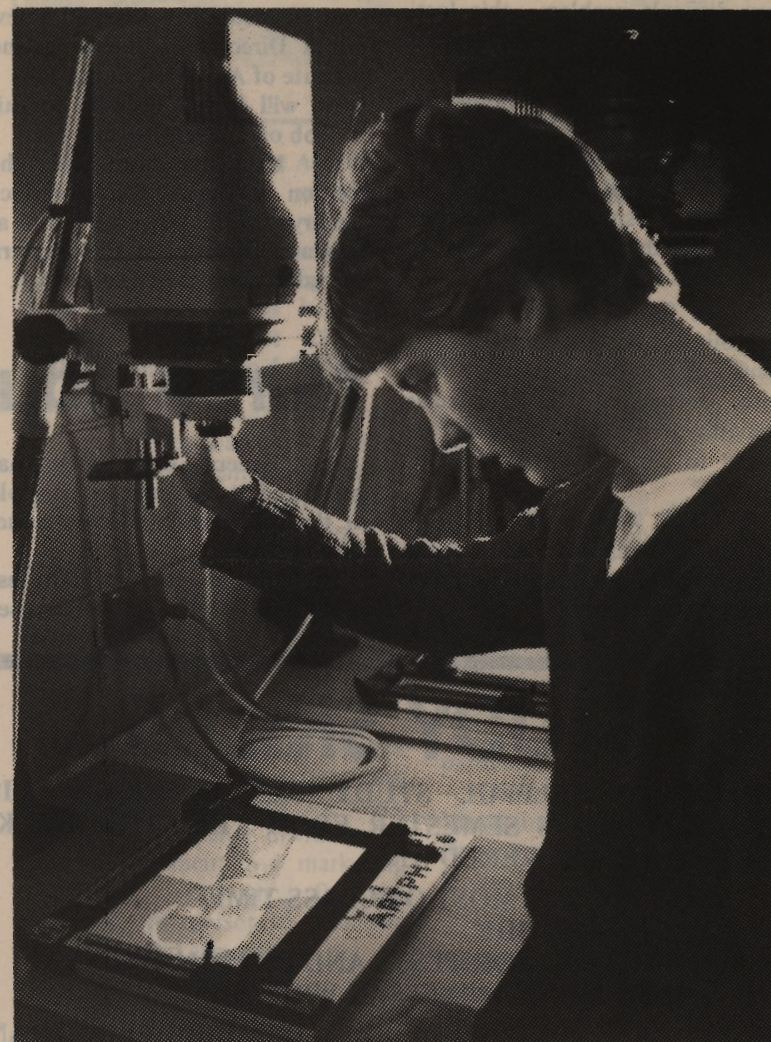
It was a jovial Alan Nicholson captured on film recently by second year Graphic Design student, Jason Lewis.

This portrait of Chisholm's catering manager, and others of staff from throughout the Institute will feature later in the year in a display of photographic work by Graphic Design students.

The assignment was designed for students of the Audio-Visual Technology unit as an exercise in photo-journalism and community relations.

The Photo-Graphics display will be held on the second level, B Block, from 1 - 16 November.

• The Photographer - Jason Lewis, at work in Graphic Design's darkroom



# Science three win American grants

Three Chisholm applied science students have been awarded Atlantic Foundation scholarships worth \$1200 each.

The scholarships are awarded annually through the accounting firm Arthur Young and Company, to assist students enrolled in the applied sciences and engineering.

Chisholm is the only Australian tertiary institution which receives Atlantic Foundation support.

Arthur Young spokesman, Mr David Linley, told the Gazette the Foundation was sponsored by an American family engineering business, which also offers grants to students in the US and United Kingdom.

'We approached about four institutes three years ago and found Chisholm offered the courses that were most appropriate to the aims

of the Foundation, and in fact, we have given Chisholm a preferential berth ever since', he said.

This year the successful students are:

- Prue Aizen, a second year part-time student who first enrolled at Chisholm in the 1982 mid-year intake. Her average since then has been at high distinction level.
- Christopher Amies, a final year full-time student. In his first year he averaged 76 percent, and in second year he achieved at least distinction level in all subjects with an average of 82 percent.
- Jane Harding, a first year student whose marks averaged 80.4 percent. She has been a recipient of the AV Jennings Industries Prize for Mathematics.

The Atlantic Foundation awards were presented to the successful Applied Science students at a function on 16 August at the Caulfield campus. Pictured left - right: The Director, Mr Patrick Leary, Jane Harding, Prue Aizen, Christopher Amies, and the Dean of Applied Science, Dr Eric Hemingway.



## From page 1 Technology... sink or swim

He said it was not a question of Australia catching up with Japan (they're much too far ahead) - 'but that's not to say we shouldn't get serious about accepting the challenge of high technology. If we don't we will have to accept the consequences of not being in the big league.'

For higher education in Australia, the big problem was the Federal government's willingness to pay lip service, and not much else, to the importance of high technology.

Dr Kennedy said there was 'no doubt the Federal Government is expecting us to operate with more students and less funds. It's a very difficult problem this Institute (and others) will have to wrestle with.'

'The fact that Chisholm has chosen to restructure its technology and has given encouragement to new initiatives in technology would suggest it is responding to the challenge. But these initiatives must be sustained if it is to be effective.'

In the future, Dr Kennedy said, Australia could see a 'much greater focus on individual institutions being recognised for particular strengths - instead of being expected to carry a whole range of activities'.

But their success, like the few British Polytechnics, will depend increasingly upon how willing they are to show initiative.

Those institutions which do prosper in the future, will do so in spite of the system of higher education, rather than because of it, he said.



Dr Kennedy

Chisholm's Deputy Director, Dr Tom Kennedy, has accepted a new job as Director at the Gippsland Institute of Advanced Education.

He will leave Chisholm for his new job on 15 October this year.

Dr Kennedy has held the position of Deputy Director since January, 1981, after 11 years as Assistant Director at the Western Australia Institute of Technology.

## Nurse education to CAEs by 1993

The Federal Government has announced its support in principle for the full transfer of nurse education to CAEs.

The government expects the last intake into hospital - based courses

will occur in 1990, with the full transfer completed by 1993.

It says significant benefits will result from the transfer, including a better trained and more flexible nursing workforce, increased employment opportunities for qualified nursing personnel, increased educational and vocational opportunities, particularly for women, and an enhanced status for nurses to bring them in line with other health professionals.

The move follows an investigation by an Interdepartmental Committee established by the government earlier this year to report on the effects of such a transfer in terms of costs, health and educational issues, status of women, and employment and industrial relations issues.

Chisholm has been closely

watching developments in the nurse education issue, and has put together a comprehensive proposal for the introduction of nurse education here.

Senior Lecturer in Charge of Chisholm's bid for nursing, Dr Jan Bapat, told the GAZETTE in May the long-running fight for nurse education by CAEs has left the Institute well prepared.

He said a course could be established at very short notice at the Caulfield campus (in conjunction with hospitals in the area) and at Frankston campus (in conjunction with the Frankston and Dandenong Hospitals).

Both campuses were well equipped in terms of basic needs for nurse education courses, Dr Bapat said.

## BRIEFLY

### Holiday declared

An Institute holiday has been declared for Friday 21 December to compensate for the shortening of the Easter break due to Anzac Day falling on the last day of the five day break.

Chisholm Council made the decision at its August meeting on a recommendation from Mr Paul Rodan (General Staff Member on Council) and Ms Jan Williamson (Dean of Education and staffing committee member).

The decision means the Institute Christmas/New Year break will begin at the close of business on Thursday 20 December with work resuming on Wednesday 2 January.

### Qld. graphics expo

A major exhibition of works by Chisholm Graphic Design students has opened at the Queensland School of Art Gallery.

Its three week season will wind up on 28 September.

Graphic Design head, Mr Jack Larkin, says the Queensland exhibition will be open to students, staff and the public, and 'should ensure good audiences and recognition of our high standard of graphic design.'

It features a cross-section of work by students from each year of the Graphic Design course.

This year's effort is an updated version of the Department's highly successful three week season at Qantas House in London, and later at the Design Centre in Sydney's Rocks last year.

It has already had a successful showing at the McClelland gallery at Langwarrin.

### VCSA news

The annual general meeting of the Chisholm Branch of VCSA will be held at 12 noon on Thursday 27 September in the Clayfield Room, Caulfield campus.

All members are urged to attend. Light refreshments will be served.

## Letters

The Editor,

Library staff were disappointed to read in the Chisholm Gazette Jim Reilly's letter denouncing the Library rule that borrowers who have overdue books should be blocked from further borrowing. Library material is purchased from public money, and the library is accountable for ensuring that this material is used to the advantage of Chisholm's staff and students.

It is not in the best interests of library users for a section of users to be privileged to keep loans beyond the due date and to suffer no penalties, since experience has shown that some loans, in these circumstances, are never returned.

Provision is made for varied loan lengths and for renewals by staff.

Institute staff, as well as the Student Union Executive, were invited to discuss the ALIS system with library staff prior to the introduction of the new circulations system: no adverse comments were received at the time.

The system appears to be functioning very efficiently, with increased loans statistics and a flourishing inter-campus exchange of material.

I hope that all library users will give library staff, and the ALIS system a fair go.

Olive Cousins,  
Acting Institute Librarian.

The Editor,

(Re. letter from Mr Jim Reilly, Gazette, 30 August).

Libraries in general and Chisholm's Caulfield campus Library in particular, have given me a lifetime of pleasure.

I too was taken aback at my first brush with the new computerised system, but now realise that I no longer can enjoy the leniency hitherto extended to me by the library staff.

My books are now returned on time. No longer is a borrower annoyed at waiting 28 days for a book's return and still have no idea of when it might be available.

Ted Bond  
Tutor, Art and Design

## STUDY SKILLS

THE EDU'S HELPFUL STUDY SKILLS BOOKLET IS AVAILABLE THIS SEMESTER FROM THE CITSU BOOKSHOP. TOPICS COVERED ARE:

- MAKING THE MOST OF CLASS-TIME
- PRIVATE STUDY
- PREPARING FOR TESTS AND EXAMINATIONS
- ASSIGNMENT AND ESSAY WRITING

PRICED AT JUST \$2.50 (A LOT CHEAPER THAN COMMERCIAL PUBLICATIONS) THE BOOKLET SHOULD BE STUDIED BY ALL STUDENTS.

## Highland adventure for WSC scientist

An environmental impact study for a new gold mining venture has taken Water Studies Centre research officer Michael Jones, into the heart of Papua New Guinea's highlands.

After arriving by helicopter, Mr Jones will be camping out in the rugged terrain of Enga Province, taking water samples from the local river system for analysis.

The Porgera gold prospect, a large low grade deposit situated at 2500m, has attracted joint venturers, Placer (PNG) P/L, Mount Isa Mines Ltd, and Renison Gold Fields Australia P/L.

The Water Studies Centre was contracted by Natural Systems Research (NSR) through Placer (PNG) to carry out water quality investigations as part of an overall feasibility evaluation of the project, to be submitted to the PNG government in mid-1986.

Mr Jones' findings during the next few weeks will provide the information base from which the potential impact of the Porgera



Mr Jones

mining project on the river ecosystem and the people dependent on it, can be predicted.

The mining consortium's plan is that after suitable treatment, the tailings and other waste material from the operation will be discharged into the local river system.

How they are likely to be transported, and where they end up are central to the investigation.

The field trip involving Mr Jones is the first of two short-term but intensive investigations, involving water sampling at four gauged sites in the area.

The program for investigations during the second field trip will be determined by his findings.

Mr Jones has been a Chisholm staff member for four years.

He is currently working towards his Master of Applied Science Degree, involving work on another WSC contract relating to the fate of trace metals in the Magela Creek in the Northern Territory (a uranium deposit).

Mr Jones is specifically concerned with examining the extent of the interaction between trace metals and natural organic material in the water.

## Making computers secure

Computer security must become as fundamental to corporate and individual thinking as physical security if a computer crime boom is to be prevented, according to Dr Yow-Lam Oh, head of Chisholm's Robotics Centre.

Dr Oh says the true dimensions of computer crime, ranging from the simple, electronic trespass to major theft and sabotage, are not known because by nature it is a stealthy operation.

But if it is not yet as costly to Australian society as conventional crime, it is only a matter of time before it becomes so with more and more multi-access information networks being established and increasingly sophisticated equipment and knowledge being available to potential computer intruders.

Protecting computer stored information from unauthorised access is one of the biggest challenges facing the age of the computer and is set to become as important in industry as conventional, physical security.

Dr Oh believes information security should be among the first priorities for anyone planning a computer network.

Information Security in the Computer Era was the focus of a fascinating seminar organised by the Centre on Friday, 10 August.

The one day seminar presented the fundamentals of cryptography and encryption systems, which involve the use of computer codes in information transfer to prevent unauthorised access to it, and the use of decoding keys at the receiving end of the message.

It was aimed at a range of people, including those concerned with information transfer, processing and management in the

business, banking, finance, insurance, computer and communication industries.

Computer communications expert, Professor Jack Wolf, a visiting fellow at the Centre was a key speaker at the seminar.

Dr Wolf, who has acted as consultant to major American and European based multinational firms

and to several US government agencies, has research interests in information theory, computer networks, coding and cryptography and is the author of more than 80 publications.

Other speakers were Mr Mel Ward, the Chief General Manager of Telecom Australia, and Mr Max Lamond, a finance industry specialist with IBM Australia.

## Deans' workshop 'valuable': Leary

The Director, Mr Patrick Leary, says he believes a two day residential workshop for the Deans' Board was 'very valuable and successful'.

'It assisted in developing a clearer understanding between the Directorate and the Deans and among Dean's Board members themselves,' Mr Leary says.

The objectives of the workshop were to:

- Clarify the role of Deans with respect to responsibility as heads of academic areas in terms of resource management, academic management, research leadership, and guidance in the work of continuing education and consultancy; and responsibility in a self-accrediting institution.
- Resolve conflict between the Deans' role as Heads of Academic Areas and the expectation they will take on Institute level responsibilities and have an Institute level perspective when appropriate.
- Clarify the relationship between Deans, Directorate and Council

by allocating responsibilities and establishing procedures.

- Compile and adopt a planning timetable for 1984 and 1985.
- Establish monitoring procedures for a triennial planning timetable.

Throughout the two days, each member of the Deans' Board presented a paper relating to an aspect of the objectives.

Each presentation was followed by indepth discussion on the topic, and where appropriate recommendations were made concerning future actions.

Mr Leary says immediate outcomes of the workshop are the decisions of the Board to meet monthly rather than fortnightly and to become more a focus for discussion on issues of Institute significance.

The Board has also drawn up a timetable of those major issues it must consider over the next year and has streamlined its procedures so that it can work more effectively.

## Literature on page and screen

Principal lecturer in literature, Mr Brian McFarlane, was commissioned to write a critical history of the new Australian cinema while in the UK on a recent nine month PEP stint at the University of East Anglia.

It will be published by Secker and Warburg by late 1986.

Mr McFarlane was also commissioned to edit an anthology of criticism selected from the Oxford-based film journal, 'Sequence', to be published by the British Film Institute, and contribute an article on British film adaptations from novels for a critical anthology edited by Charles Barr (University of East Anglia), to be published by the British Film Institute and New York Museum of Modern Art.

The anthology will be released to coincide with the Museum's year-long retrospective season of British films in 1985.

Mr McFarlane's interest is in the connection between film and literature and he is deeply involved in the field.

Among other things, he introduced the subject 'Word and Image' to the BA course in 1982, has written a book (published last year), 'Words and Images', which focuses on the relationships between

several Australian books and their translation into film; delivered the John Grierson Memorial Lecture at Melbourne's State Film Centre (his subject was 'From Page to Screen') and is a contributing editor to the bible of Australian film buffs, 'Cinema Papers'.

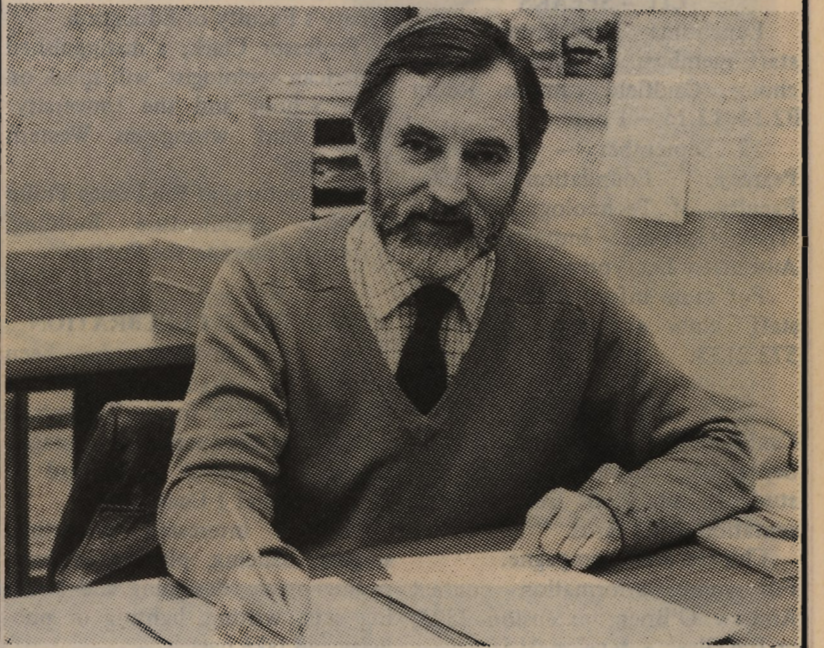
In the future, Mr McFarlane hopes to introduce a course on the connection between drama and film, and possibly another dealing with popular narrative.

He describes film as 'the only new art form belonging wholly to the 20th Century' and believes it deserves to be taken equally as seriously as literature or any of the other arts.

Mr McFarlane has also recently co-edited with John Barnes (La Trobe University), an anthology of Australian poetry, 'Cross-Country'.

Published by William Heinemann, the anthology comprises substantial selections from such major poets as A.D. Hope and Judith Wright, as well as a selection of individual poets from colonial days to the present.

Designed as a teaching anthology, Cross-Country also provides an introduction to Australian poetry for the general reader.



Mr McFarlane

Quality control is the Australian manufacturer's prime marketing tool today in the face of cheap imports and highly competitive export markets, according to Dr Brian Jenney, who is leading a series of seminars at Chisholm Caulfield beginning on 4 October.

'Australia for Quality' comprises five one-day seminars presented by the Faculty of Technology's School of Engineering, in conjunction with the Australian Organisation for Quality Control.

Acting Dean of Engineering, Dr Jenney, has been involved in the field of quality control for over 20 years.

Dr Jenney says quality control in any manufacturing process has far reaching implications for every aspect of company operation - from management and marketing techniques, through financial strategies, to personnel selection motivation and structure.

'Quality control starts at the top', he explains.

'The decisive role of leadership in industry is rarely seen in clearer

## Quality key to success

view than with respect to a company's quality policy.

'Attention to all elements of the quality question ensures companies can take full advantage of the highest gearing ratio strategy in the short term and the soundest strategy for survival and growth in the long term.'

Each seminar will cover a particular aspect of quality control - Quality for Top Management, Visual Inspection, Management of Reliability, Reliability Analysis and Motivation for Quality.

The seminars are aimed at managers, engineers and quality assurance personnel in large and small manufacturing firms, and the information presented will be relevant regardless of the manufacturer's product.

# What's On

## STAFF CLUB CIT - MARKET

A market will be held every Wednesday from 11 am to 2 pm in the grounds of Caulfield campus. There will be stalls selling a range of items, including vegetables and craft goods.

## CIT - COUSTIC

(Free Lunchtime Concerts): Tuesday, 18 September, 1984 - 12.30 - 1.30 pm Caulfield campus - Room B2.18, Phillip Law Building.

Mozart Flute Quartets. Michael Kyriakakis (flute), Wendy Rowlands (violin), Jenny Rowlands (cello).

Tuesday, 18 September, 1984 - 1 - 2 pm Frankston campus - Cafeteria.

Jazz Traveller (Victorian College of the Arts Jazz Ensemble)

Tuesday, 25 September, 1984 Caulfield campus - Room B2.18, Phillip Law Building.

'You May As Well Live'. A collection of monologues adapted for theatre from stories by Dorothy Parker. Cecelia Cheek (performer), Jane Hammond (piano).

Tuesday, 25 September, 1984 - 1 - 2 pm Frankston Campus - George Jenkins Theatre.

Mozart Flute Quartets. Michael Kyriakakis (flute), Wendy Rowlands (violin) Jenny Rowlands (cello).

## CIT - SPEAKS

Lunchtime discussions by staff members on topics of their choice. Caulfield campus, Room B2.14, 12.15 - 1 pm.

27 September - Dr Trevor Pearcey, Foundation Dean, Faculty of Technology. Subject: 'The Growing Importance of Automatic Encryption'.

For more information about all staff club activities, telephone 573 2133.

## RACE DAY

Caulfield Racecourse, Saturday 22 September. Chisholm staff and students admitted free on presentation of ID cards.

Chicken and champagne. For more information contact Andrew O'Brien, extension 2525, or Jim Glass, extension 2155.

## YOU AND YOUR MENTAL HEALTH

The 1984 E. C. Dax Lecture at Melbourne University's new Medical Centre will be held on Tuesday, 18 September.

The speaker is Dr Herbert Pardes, a former director of the National Institute for Mental Health, USA.

His topic is 'You and Your Mental Health'.

For more information, contact Sonya Bransby, telephone 633 5760.

## AITEA NATIONAL CONFERENCE

The Australian Institute of Tertiary Education Administrators National Conference 1984 will be held at La Trobe University from 22 - 25 November.

The General Staff Development Committee has allocated some funds to meet, at least partially, attendance fees, and depending on the number of staff interested in attending, a contribution will be put towards the cost of registration.

Anyone interested in attending should contact the Assistant Staff Officer, Mr Eric Formby, by 21 September.

## MUSLIM/CHRISTIAN SEMINAR

'Worship and Symbols of Christianity and Islam' is the theme of a public seminar on Saturday, 29 September at the Migrant Resource Centre, Civic Centre, Edwards St, Reservoir.

Slides of Islamic and Christian architecture and art will be shown.

Admission is \$6, which covers a light Middle Eastern lunch.

For more information telephone 877 1569 or 470 2424.

## WHAT WENT WRONG IN WESTERN EDUCATION?

On Tuesday 18 September at 6pm, Professor Burton Clark will deliver the Theodore Fink Memorial Lecture at Melbourne University's Faculty of Education.

Professor Clark, a distinguished American sociologist, will speak on 'The School and the University: What went wrong in Western Education'.

The lecture, at the Prince Philip Theatre, Architecture Building, is free and open to the Public.

## CAULFIELD CELEBRATION

An open invitation has been issued by organisers of the Caulfield Festival for participants in a theatrical production to be staged during the festival on 29 and 30 November and 1 December.

Anyone interested in acting, singing, dancing, playing or composing music, designing and building sets, writing, lighting or publicity can take part.

A meeting will be held tonight (13 September) at 7.30pm at the Caulfield Arts Centre, 441 Inkerman Road, Caulfield, to discuss the production.

For more information, telephone 486 1507 or 524 3333.

Deadline for the next GAZETTE on 27 September is Tuesday 18 September. Copy can be left with the Public Relations Office, C1.08, or telephone the Publications Officer, Sue Coultie, extension 2311.



## Grants, fellowships & scholarships

**CSR** - Post-graduate scholarships in petroleum engineering, 1985.

**PIERO FANTI INTERNATIONAL PRIZE** - \$10,000. Open to candidates from countries involved in the INTELSTAT agreement Closing date 30 September, 1984

**BARROW ISLAND** - Environmental research. Registration closes 31 October.

**FRENCH GOVERNMENT** - Awards for teachers of French for eight months during 1985. Closing date - 28 September.

**GOWRIE SCHOLARSHIP TRUST** - Research scholarships (two post-tertiary and 15 tertiary) open to descendants of members of the armed forces who served in a combat area during WWII. Closing dates, 30 September and 31 October.

**ACRB** - Australian Computer Research Board is offering grants in support of travel to promote ACRB-sponsored research.

**NETHERLANDS GOVERNMENT** Post-graduate scholarships, Closing date - 9 December.

**ITT** - International Fellowship for study in the USA. Closing date - 31 October.

**DRIED FRUITS RESEARCH COMMITTEE** - Research grants into areas of concern to the Australian dried fruits industry. Closing date - 15 October.

**FULBRIGHT AWARDS** - For study, research and lecturing in the

USA. Applications for senior awards close 31 December, and for post-doctoral and post-graduate awards, 30 September.

**INSTITUTE FOR POLYNESIAN STUDIES** - Best Paper Award on a Pacific subject by an undergraduate student and a graduate. Closing date - 31 December.

**ROYAL SOCIETY OF NSW** - Clarke Memorial Medal (for distinguished work in the natural sciences) and the Edgeworth David Medal (for contributions to science). Nominations for each award close 28 September.

**HELLENIC ASSOCIATION** - Seeking nominations for Victorians of Greek origin who have excelled during 1984.

**VICTORIAN NURSING COUNCIL** - Nursing Research Grants to assist research into aspects of nursing. Closing date - 29 October.

**PRINCE RANIER III OF MONACO** - Bursary for research work in pre-history, human palaeontology and quaternary geology. Closing date - 1 November.

**AUSTRALIAN FEDERATION OF UNIVERSITY WOMEN** - Amy R. Hughes Scholarship for research in any country on any subject. Open to graduates and undergraduates. Closing date - 15 February, 1985.

**RHEUMATISM AND ARTHRITIS ASSOCIATION** - Research grants for medical, scientific and social aspects of rheumatic diseases. Closing date - 31 October.

## New face at 3CT

One of 3CT's newest DJs is Jason Reynolds, a first year double degree student in Business/Arts.

He joined the radio station's team of announcers at the start of Semester 2.

## Classifieds

### FOR SALE

**BIOS-2 40X ZOOM Microscope** (as new) with box of slides (unused) For Quick Sale: \$75.

**GALAXIAN 2 Electronic Computer Game 3 colour** for 1-2 players \$50. **PUCKIE MONSTER Electronic Game**. \$20. Both games still in box (not used) (batteries not included) Ring Ursula 2374.

### PUBLIC NOTICES

**NETBALL MATCH.** Anyone interested in challenging the Psychology Department in a Netball match please contact Sandy Toohey ext. 2247 or Janice Wasylenko ext. 2462. (We are not sexist, teams can be mixed)

**TYPING SERVICE.** Typist experienced in medical, computer and general work. Contact Gail Mathews, Mt Martha. 059 742734.

**CLASSIFIED ADS IN THE GAZETTE ARE FREE. THEY CAN BE LEFT WITH THE PUBLIC RELATIONS OFFICE, C1.08, OR TELEPHONE EXT. 2311.**

## Contact program forges links

Response to the Student Union's Pilot Contact Program has been very positive, according to Welfare Committee representative, Mr John Horley.

He says the program has strengthened links between the Institute as a whole and the student body, and believes the information gleaned to date will provide a firm base from which future communication can be improved.

The program, launched on 30 July, finishes tomorrow (14 September).

It was essentially a fact finding mission aimed at making the Student Union more accessible to its members, encouraging student participation, finding out more about student needs, and analysing ways of improving lines of communication between students and the Institute.

Mr Horley says the program has given the Union a clear picture of areas in need of improvement - particularly in terms of availability of information about Institute services open to students, and careers and employment

opportunities. The difficulty part-time students experience in finding out what is available to them has also been highlighted.

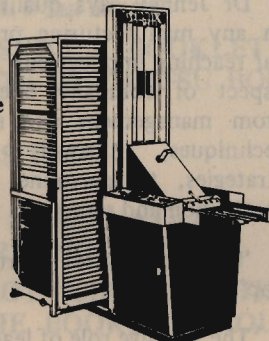
Mr Horley says students from all areas of the Institute have participated in the activities, and the numbers of students who volunteered to work on the program is encouraging.

Analysis and documentation of the program is currently taking place, and recommendations arising from it will be circulated throughout all areas of the Institute.

## Printing Services

offers you the following services for Chisholm . . .

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Norfin 104 Collator

(For further inquiries ring extension 2135) Located on ground floor, C Block, Room C1.04, Caulfield Campus