

Chisholm graduates - more than 800

More than 800 graduands received their awards at Chisholm's three conferring ceremonies at Dallas Brooks Hall on 13 May, 15 May and 20 May.

The total number of graduands for the year was 1,131.

Among the graduands from the Faculty of Technology who received their awards on 13 May was Master of Applied Science student, Mr. Phillip Sinclair, whose thesis 'The transport of pollutants by suspended sediments in the Yarra River' provides a basis for tracing the sources of pollution in the Yarra.

The first conferring ceremony featured an occasional address by Sir Gustav Nossal, CBE, FAA, FRS, Director of the Walter and Eliza Hall Institute for Medical Research.

Sir Gustav Nossal has been at Melbourne University since 1965 and is a Professor of Medical Biology. He is also a Fellow of the Australian Academy of Science and the Pasteur Institute.

Two graduates of note in the Bachelor of Applied Science (Multi-discipline), Pam Shadbolt and Brigitta Suendermann, are working towards their Master of Applied Science degrees this year.

Both women are investigating the possibilities of using newly acquired CATSCAN equipment in a variety of industrial applications.

At the second ceremony on 15 May, graduands from the David Syme Business School were addressed by Ms Fay Marles, MA, DipSocSt, Commissioner for Equal Opportunity.

At the third ceremony graduands from the Schools of Art and Design, Education, and Social and Behavioural Studies received their awards.

Author and National Times journalist, David Marr delivered the occasional address on 'The Role of the Press in the Murphy Business'.

A graduate of distinction from the Graduate Diploma in Applied Psychology (School of Social and Behavioural Studies) was Susan Vanderheiden, who was a 1985 Australian Psychological Society prize winner with an academic record of three High Distinctions and three Distinctions in the six subjects in the Graduate Diploma in Applied Psychology.

Ms Vanderheiden also won a Commonwealth Post-Graduate Award and was accepted into the University of Melbourne's Master of Science (Clinical Psychology) program.

The first cohort of graduates

Community Education from the Frankston Campus (1983-1985) graduated on May 20.

Eleven of the students undertook a five week field work tour of the United States in the 1984/85 summer. Collectively the group visited 150 Community Agencies in 15 states and spent two weeks in California working at community agencies in Santa Barbara and San Diego to complete the fieldwork component of the course.

Acting Director, Mr Gerry Marnard, BAppSc, DipPubAdmin, MACS spoke of Chisholm as a diverse institution proud of its position in the forefront of technology.

It was the first time that a Director, who is a graduate of Chisholm, took part in the conferring awards.

'It gave me a great sense of pride in the Institute to be present at the awards as Director and a graduate of Chisholm.

'I felt a sense of affinity with the graduates receiving their awards,' said Mr Maynard.

President of Chisholm Council, Dr Clive Coogan, presented the graduates with their awards.

He described Chisholm as 'champions of innovation and entrepreneurship with a proud reputation'.

Complaint methods are inadequate says Marles

The present method of dealing with various forms of discrimination is too 'hit and miss' according to the Victorian Commissioner for Equal Opportunity, Ms Faye Marles.

Speaking at the Conferring Ceremony for graduates of the David Syme Business School on 15 May, Ms Marles said that it was increasingly obvious that a complaint-based approach to the situation was not good enough.

It relied on people being prepared to put themselves out on a limb and make a fuss.

However many people could not afford the luxury of a complaint if there was any threat to their job security.

Ms Marles discussed the development of equal opportunity programs in Australia, the direction they were taking and how these would affect graduates.

She said: 'We all wear labels whether we like it or not. Physical type, clothes, hair style and other aspects of appearance are all give aways about our origins, values and priorities'.

Youth must strive for changes - Nossal

Youth must use technology as a servant and not a master to keep Australia the lucky country.

These were the words of Sir Gustav Nossal, Director of the Walter and Eliza Institute Hall for Medical Research, at the first of Chisholm's conferring ceremonies last week.

Sir Gustav, CBE, FAA, FRS, delivered the occasional address to graduands of the Faculty of Technology.

'It is easy, in this world of disputation and strife, to cast technology and science in the role of the villain,' Sir Gustav said.

'In a complex and difficult world, is hard to be an optimist.'

But Sir Gustav said it was wrong to label technology and science as villains.

'The doom and gloom only

account for one part of the balance of life,' Sir Gustav said.

Science and technology had played and continued to play a major role in improving humankind's lot.

He urged the graduands to join in exploiting science and technology for the good of Australia and of the world.

He gave his own field, medical research, as an example of the positive side of science and technology and the 'major role' Australian scientists and technologists could play.

'We are amongst the leaders in the world,' he said.

'In the 1960's men were prone to heart attacks and strokes.

'Today the numbers have halved for death by heart attack and stroke.

'This is due in part to a change in lifestyle - healthier diet,

more exercise - and in part to major advances in medical science.

'The adult smoking rates in men are tumbling and lung cancer deaths in women are falling ... these are triumphs,' said Sir Gustav.

'The threat of polio and tuberculosis are all behind us.

'At the Hall we are working on major discoveries against three serious problems.'

The first of these is diabetes.

'Since the discovery of insulin, diabetes is no longer a fatal disease, but a controllable one.

'However we are now seeing problems with diabetes that indicates today's technology needs to be better,' he said.

'The Hall is only one of half a dozen centres in the world
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Above, Ms Kay Rundle receives her Graduate Diploma in Computing during the Faculty of Technology conferring ceremony on 13 May at Dallas Brooks Hall.

characteristics different to those of a group could cause difficulties. However the short-term danger of disrupting a cohesive group had to be weighed against the much greater long-term disadvantage of such a group becoming too narrow, inbred and inflexible to respond to increasing pressures for change, she said.

Ms Marles said any organisation involved in service delivery from a school to a hospital or multi-national corporation would not be in the best position to understand its workforce or customer target group if it were composed only of one sex or of members of a single ethnic group.

She said the new affirmative action legislation had been developed because the Government realised the need to solve some of the problems outlined.

Affirmative action was designed to analyse and redesign career paths, identify unrecognised talent and remove disincentives to the employment of disadvantaged groups.

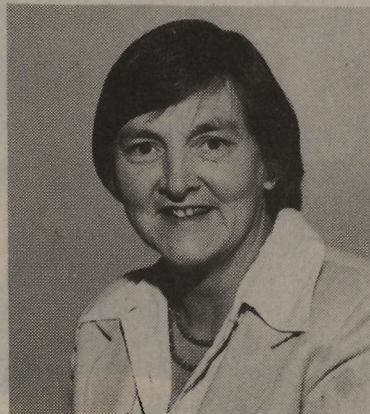
It aimed to give such people

a real chance of discovering and realising their ability.

Ms Marles stressed that affirmative action was different from positive discrimination. Unlike the latter, it did not involve quotas and less able persons would not be preferred to the more able simply because they were members of a disadvantaged group.

Ultimately it was the community which would benefit from affirmative action because it should lead to the better use of human resources, Ms Marles said.

Faye Marles.



Naval engineer gains degree

For 38-year-old Royal Australian Navy lieutenant, Michael Moore, graduation as a Bachelor of Engineering (Mechanical) was the end of a long, hard and unusual road.

It was also a breakthrough for the Division of Engineering and Industrial Technology in the Faculty of Technology -- the fruit of contacts over the years with naval engineering training -- and for the navy, showing the effectiveness of newly installed training procedures.

Lieutenant Moore attended Chisholm for only one year to gain his engineering degree.

He was admitted direct to the fourth and final year of the degree course on the basis of his performance in completing the navy's Marine Engineering Special Duties Officers' Course (MESDOC), established only in 1982 at HMAS Cerberus, Westernport.

Lieutenant Moore is very much the complete engineer, having begun his engineering life on the shop floor as an apprentice with the navy when he left school in 1964.

His subsequent progress was a combination of hard work, luck and making the right decisions at the right time.

'I completed my apprenticeship in 1967, then went to sea and began to work my way up through the ranks,' he says.

Happy in his work, he initially rejected the opportunity

to seek a commission so he became, in his words, 'a late starter'.

His deferring of further promotion turned out to be a stroke of good fortune, for it meant that when he was finally commissioned as a sub-lieutenant in 1981, he became eligible for the first intake in the RAN's just-developed MESDOC course in 1982.

'Twelve of us were offered the choice of taking the two year course in the United Kingdom, which had been supplying this training to Australia and other Commonwealth countries for years, or taking the new Australian course.'

'Nine decided to go to the UK and three of us elected to take the Australian course.'

The decision was a wise one. The RAN's MESDOC course was modelled on a tertiary engineering course and was broader, more general and included more theory than the UK course.

As a result, in the judgement of Chisholm's engineers, it took him up to the completion of third year degree studies level and allowed him entry to fourth year when he decided, after a year in the administrative position of Course Implementation Officer in the navy's Marine Engineering School, that a degree was the way to go if he wanted to maximise his options for the future.

Lieutenant Moore's move to complete degree studies was a new approach for the Navy



Above, Lieutenant Moore with (from left) daughter Joanne, wife Rosemary, Mr and Mrs Moore (parents) and Mrs Graham, mother-in-law.

(although it had hired graduates previously) so some people had to be convinced that it was a good idea.

But once the Navy approved, it did the job properly, providing him with a year on full pay to complete his studies.

Even more importantly, perhaps, he came to Chisholm with the full backing of his family, wife Rosemary and daughter and son aged 13 and nine respectively.

'Rosemary was as determined as I was that I was going to pass,' Lieutenant Moore says.

'She took over all the work around the house while I studied in a caravan we had out the back.'

Graduation

Unfortunately Lieutenant Moore will not be around too much in the immediate future to repay that support -- he has been posted to sea duty as Deputy Engineer on the destroyer, HMAS Vampire.

Since Lieutenant Moore has broken the ice by moving on to degree studies, one of the others who did that first MESDOC course with him has followed in his wake, and others are looking at the possibility.

Senior Lecturer in the Department of Mechanical Engineering, John Burt, says he and his colleagues welcome students of Mike's background and calibre applying for advanced

level entry.

They had no qualms about accepting Mike when he approached them, as they had had contact with the MESDOC program from the development stages and knew its worth.

Not only was the course established at Cerberus, within Chisholm's region, but a Chisholm graduate who had entered the Navy on a short-term commission was involved in its planning.

Chisholm had provided some laboratory facilities for the course in the early stages, and this year, Mr Burt and colleague, Bevis Barnard, are teaching one unit of it.

Peninsula homes were subject of study

Historic homesteads on the Mornington Peninsula were the topic of study for School of Education graduate, Dianne Bock.

The study was a major part of Ms Bock's final year in the Graduate Diploma in Art Education.

For Ms Bock, the Graduate Diploma came after two years of thinking about returning to study. Reaching the stage where she felt she and her family could handle it, she enrolled at Chisholm Frankston.

'It was a real commitment - three years of study!' said Ms Bock.

Following a keen interest in architecture, homes and their design, Ms Bock knew from the beginning of her course that was the area she would concentrate on for her major study.

'I've always been fascinated by design and the historic aspect of architecture.'

'I'm interested not in the opulent design of the houses of the very wealthy, but rather the homes of ordinary people.'

'I would always look at a house with a view to whether I could live in it.'

Ms Bock's study took her to many homes around the Peninsula.

'People were very co-operative - they loved to talk about their background, their family and their life.'

Fortunately there was quite a lot of literature on the district. Ms Bock got help from the

National Trust, the Mornington Historical Society and local written histories of the area.

Ms Bock worked for three or four hours a day for two years to complete her manuscript - and even now feels it is incomplete.

'I need a break from the work, but I still feel it could include even more.'

When she is ready Ms Bock would like to look at the possibility of getting her work

published.

The work contains detailed information on local homesteads and would provide interesting reading for local residents as well as students and those concerned with local histories. Certainly, it would be an excellent promoter of the Peninsula area.

In the meantime she is emergency teaching in the area and following her creative instincts in craftwork.

Below, Ms Bock with her study of historic homesteads on the Mornington peninsula.



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looking at new methods of treatment.'

Sir Gustav said that research at the moment indicates the Hall is on the track of eliminating insulin injections - which could mean an entirely normal lifestyle for sufferers.

The second of the major advances in medical science is with cancer, especially childhood leukemia.

'With adult leukemia we are not doing so well; there are still many deaths,' said Sir Gustav.

'We are working on an entirely new theory about the treatment of leukemia.'

'We have managed to purify four critical hormones that guide the growth of marrow cells and are ready for a trial of the hormones in humans.'

The third of the major advances has occurred against the human parasitic disease, malaria, the biggest problem the world still faces.

'Malaria vaccine research is very competitive but we are all working together in a united search for a vaccine,' he said.

Sir Gustav urged the graduands to use the expertise they had acquired in science and technology to continue such work for the common good.

'The important thing is that

young people, as citizens of Australia and overseas, must combine with the old, take on a leadership role and help to build a better life for mankind,' he said.

'Everything depends on a national commitment.'

'You must convince your representatives in politics of this need.'

'If you leave the future to someone else then you will be left behind.'

'You need to be involved in technological change which is helping to shape that future.'

'Say to yourself "I have a lucky, dynamic country and I'm going to contribute to it."'

CAT scan - more than a medical machine

A CAT scanner would be known to most people as a medical diagnostic x-ray machine. But to Chisholm's Faculty of Technology it has more wide-ranging applications.

The change of function from scanning humans to scanning trees, concrete, ceramics, plastic and even fossilised rocks may be an odd one but it's all very straightforward to Dr John Davis and Dr Peter Wells, members of the Computer Imaging Group within the Applied Physics Department.

They were aware of a problem in structural analysis of materials used for building. To examine, for instance, timber, it needs to be cross-sectioned to determine its structural integrity.

Once this was done, of course, the timber was no longer usable. In the case of examining trees, it meant the tree was destroyed in the process. Many simple testing routines are destructive.

Faced with this dilemma Dr Davis and Dr Wells looked for a totally non-destructive method to examine structural materials and decided to use a CAT scanner as the basis for solving the problem.

Some months were spent experimenting on materials with a CAT scanner at the Royal Melbourne Hospital (after the patients had gone!).

To their delight, the Hospital had recently updated their CAT scanner and generously donated

the old model to the Faculty of Technology.

Considering the cost of the CAT scanner - from \$800,000 to \$1 million - this was quite a windfall for the research team. They were also pleased when Australian General Electric offered to assist in installing and re-commissioning the scanner at Chisholm.

Experimentation began in earnest.

One of the more exciting applications they found for the CAT scanner was in archaeology. They were given an Australian rock with a very delicate dinosaur fossil in it.

The fossil was too precious to chance destroying it by breaking open the rock. A CAT scan proved the perfect method of diagnosis.

On a more industrially oriented topic, they demonstrated that rot in structural timber, and the composition of reinforced concrete after pouring could readily be examined with the scanner.

Because it is an expensive system the CAT scanner can only be used on high cost items, or when the cost of potential failure of a structural member exceeds the cost of inspection using this technique.

The potential for the forest industry is enormous. Likewise for expensive concrete bridges and large building projects, composite materials etc.

The CAT scanner can provide the detailed images essential for high quality non-destructive testing and evaluation in quality control.

It also has important uses in other areas, for example, determining climate changes in a certain area over hundreds of years. By scanning living trees and examining their ring structure scientists can work out what the weather was like before records were kept.

While the laboratory and equipment installation at Chisholm have only recently

been completed, for the Catscan is not yet completed, Dr Wells and Dr Davis both say that the extent to which it may be used 'depends entirely on imagination.' Already two Master of Applied Science students are conducting their research on applications of the CAT scanner.

Ms Pam Shadbolt will be working with Dr John Thornton of the CSIRO on a timber rot problem, while Ms Briggitta Suendermann is involved in design and construction of a second CAT scanner for micro-scanning small objects.

Already Dr Davis and Dr Wells are discussing the use of a gamma ray machine (as opposed to x-ray of the present CAT scanner) to apply to high density materials such as metals. The CAT scanner's x-rays have difficulty penetrating most metals.

At the moment they are looking for funding from industry and possibly the Government to continue research.

'We need about \$12,000 to get off the ground.'

But for the time-being they will continue to explore the many possibilities of the CAT scanner.



Above, Dr John Davis and Dr Peter Wells with Masters student, Ms Pam Shadbolt and the CATscan.

Safety signs for campuses

Staff, students, and visitors to the Frankston and Caulfield campuses of Chisholm will have noticed the introduction of the State Government HazChem signs around the buildings.

The installation of the signs is the result of a survey by Safety Officer, Alec Glennie, the Chisholm cost centres and the Metropolitan Fire Brigade.

The signs are required by State legislation to indicate to emergency personnel what hazardous chemicals are stored at any one place.

Often, in the event of an emergency, firemen have put their lives in danger because they weren't aware of any dangerous

fumes that could emerge from dangerous chemicals.

The signs contain certain information about the stored products:

- a numeral indicates the fire fighting methods most suitable,
- the following letter, the level of protective clothing to be worn, the danger of explosion and the measures to deal with spillages,
- the letter E symbolises that evacuation of the area may have to be considered,
- and this is followed by up to 12 diamonds identifying the classes of materials in the area.

Below, Safety Officer, Mr Alex Glennie, with one of the new HazChem signs being used on campus.

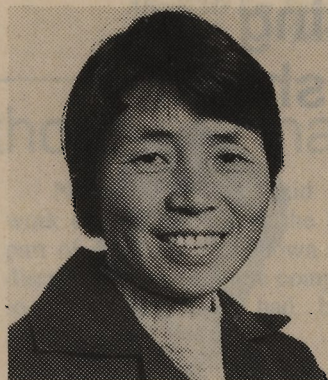


Studying the atmosphere

The Centre for Applied Mathematical Modelling is host to Chinese lecturer,

Ms Li Liuqiong for two years.

Ms Liuqiong



Interviews successful

Frankston held the first their Graduate Interview programs last week.

Previously, all graduate interviews were held at Caulfield. Frankston students had no option but to travel to Caulfield. The program was set up by Chris Ashman (Careers, Frankston) with the help of her Caulfield counterpart, Maree Dermott.

Ms Ashman said there was an excellent response from students and employers to the program at Frankston.

Employers present at the one-day program included chartered accountant firms, ANZ bank, National Australia Bank, Shell, CRA, Logica, Coles/Myers and

Ms Liuqiong, on exchange from the Kunming Institute of Technology, is an expert in Environmental Engineering and is in Australia to learn more about applied modelling.

Sponsored by the Chinese Government she will study the application of mathematical models on the emission of pollutants from industry.

She will firstly learn how to use the models - this will take approximately a year - then modify the models to suit Chinese situations.

The important aspect of her work will be to apply the models to discover what happens to emissions once they leave a chimney and what the impact will be on the environment.

'I would like to do some predictions on emissions. There is a lot of testing to do in this area which takes time and money.'

'Modelling in the atmosphere has not been done very much in China,' said Ms Liuqiong.

Ms Liuqiong is studying with Dr Graeme Ross from CAMM.

Bioethics for politics lecturer

Senior Lecturer in Political Studies, Mr David Muschamp, has accepted membership of Monash University's Advisory Board for the Centre for Human Bioethics.

The Centre is one of 12 in the world and the only one in the Southern Hemisphere.

Mr Muschamp was offered the membership because of his interest in ethical thinking in the sciences.

'I am pleased at the strengthening of another of the links the Chisholm Political Studies section has with a wide range of people and institutions working in the general area of technology and society,' he said.

various government organisations.

Students were presented with information on employment prospects with the companies and were interviewed. Several students have been offered jobs from the Caulfield program and Ms Ashman hopes the same will happen at Frankston.

'Each company has a graduate quota and while the student is not being interviewed for specific jobs, if there is an opening they may be offered a position.'

One-day programs will be held in July and August and students wishing to enrol can contact Ms Ashman at Frankston Community Services.

Chisholm an approved research Institute

The CSIRO recently notified Chisholm it is now an Approved Research Institute for the purposes of claims by third parties when contracting research to Chisholm.

This will allow a 150% tax deductibility of expenditure on research.

The impact of the concession will mean, for example, that the costs of a research assistant, will be

decreased considerably. From an initial cost of \$20,000 per annum for a research assistant, the company funding the position will be eligible for an immediate deduction of \$30,000 against taxable income.

At a company tax rate of 46 cents in the dollar this means a benefit of \$13,800. So the net cost of a research assistant is \$6,200. When the Company tax rate increases to 49 cents in the dollar

the net cost decreases to \$5,300.

The concession will provide attractive opportunities for research workers to obtain support from the business and industrial sectors.

The Director of Chisholm will be responsible for ensuring 'all monies received that are eligible for tax concessions under the Act are disbursed only for the purposes of scientific research within the meaning of the Act.'

History Professorship

The Department of Education is calling for applications for the position of Keith Cameron, Professor of Australian History at University College, Dublin.

Australia will contribute \$200,000 towards the cost of the permanent endowment of the Chair of Australian History at University College, Dublin. A further \$200,000 was provided from a private source. The Chair has been named the Keith Cameron Chair of Australian History.

Applications close on 30 May, 1986. Inquiries and further information from Frank Grotowski on (062) 83 7642.

Scholarships

Phillips International Institute of Technological Studies - Post Graduate Scholarships 1987. BSc needed in a field related to electronics and its engineering principles. Closing date 4 July.

Japanese Ministry of Education is offering scholarships to Australian citizens for study in Japan beginning in 1987. Closing date 4 July.

National Energy Research - Grants to conduct energy research, development and demonstration projects. Closing date 21 May.

New Zealand Scholarships - Government awards for Post Graduate study. Closing date 11 June.

Japanese Scholarships - Undergraduate and Research in 1987. Japanese language instruction. Closing date 4 July

Korean Scholarships - Master's or PhD. Must be fluent in Korean or English. Closing date 30 May.

The sounds of India

Mechanical Engineering Lecturer, Arvind Shrivastava, is presenting a program of Indian music at Monash University on 29 June from 3 to 5.30 pm.

Arvind is a member of the Indian Music Group. They will be playing a series of Indian Gazals (love songs), Bhajans (Religious songs) and Folk songs in conjunction with the Monash University Music Department.

Indian snacks will be on sale during the intermission. The concert will be held in the Music Auditorium, Menzies Building, Room S805. Further information from Dr R. Flora on 541 3234 or 541 3230.

General staff development grants

Applications are open for staff interested in applying for **General Staff Development Funding**.

This year, \$35,000 has been allocated to the program, and all general staff are eligible to apply. Last year approximately \$30,000 was directed to around 221 staff members to attend a wide range of courses and other activities.

Mr Formby, the secretary of the General Staff Development Committee, said the Committee has been encouraged by the success of the first three years of the program. A number of significant staff development

programs have been funded as well as support for attendance at conferences and the like.

The committee would eventually like to hear from people with some problems of significance and ideas for in-house training programs which will benefit both the applicant and the Institute.

Such programs could include applications for secondment to other institutions, visits to similar institutions, visits to institutions interstate or for assistance with further studies.

Application forms are available from the Staff Branch.

What's On

Bradenburg and a Bite

8 June - Performance Atrium, Level 2, Phillip Law Building, Queens Avenue, Caulfield East, 11.30 am. Concertos No 2 and No 3, plus Vivaldi's Four Seasons. Tickets \$12, \$8 concession.

Free Lunchtime Recital

12 June - Jill Allgood, a Chisholm staff member, and Andrew Gordon present 'Three Fantasies' a piano duet of works by Mozart, Schubert and Stolz.

Art and Design

6-12 June - Second year Fine Art student exhibition. Sculptures, paintings, prints and drawings. Level 2, Gallery Foyer.

18 July-1 August - First year Fine Art student exhibition. Sculptures, paintings, prints and drawings.

4-22 August - Lucato Peace Prize. Final year fine art students will submit work along a War and Peace theme.

Corporate planning expert visits Chisholm



World authority on corporate planning, John Argenti, presented two lectures at both the Caulfield and Frankston campuses recently.

John, who is based in the United Kingdom, is a consultant and author on Corporate Planning. He has published five books, one of which won the Metra Prize in the UK for the best management book. His clients range from a Paris fashion house to a Latin

American steel company. It was John's second visit to Chisholm. In 1981 he was a visiting fellow to the Department of Accounting and gave a series of lectures in conjunction with the Department and the Australian Society of Accountants.

John Argenti is pictured above with Laurie Webb, senior lecturer in Accounting at a breakfast held at the Caulfield campus entitled 'Planning a Corporate Strategy'.

New Publications Officer

The Public Relations Office has a new staff member.

Ms Sonja King recently commenced work with Chisholm as Publications Officer.

Ms King has a Bachelor of Arts (Deakin) in Journalism and Literature and previously worked for the City of Caulfield in the Community Liaison section. Ms King will be responsible for the production of the Annual Report, Institute handbook and other publications. She will also be contributing to the Gazette with articles and photographs.



Ms Sonja King

Ms King is currently establishing the Handbook on the Macintosh computer for updating in a couple of months. The Gazette is also being produced on the Macintosh using the Pagemaker program. She can be contacted on ext. 2311 or in the Public Relations Office, C1.08.

Seminars, conferences and courses

Innovation in Tertiary Education - Australian Institute of Tertiary Educational Administrators at the University of Tasmania, 27-30 August. Closing date 15 July.

Know Your Plastics - Conducted by the Plastics Institute of Australia from 17 June to 26 August at the Moorabbin College of TAFE from 6 to 8 pm on Tuesdays. More information and enrolments by phoning 529 6277.

17th Annual Computer Conference - 7-11 July at the Darwin Institute of Technology. Conducted by the Australian Colleges of Advanced Education. More information from Felicity Lear, Darwin Institute of Technology. Closing date 6 June.

French Courses - The French Government has made provision for up to 20 Australian teachers of French to attend a residential course in early 1987. Some assistance. Inquiries to Vicki Dunne on (062) 83 7644. Closing date 27 June.

Effective Speaking - Rosstrum Training program for all students and staff. Meets every Monday noon to 1 pm in F6.38. Inquiries to K. Harex ext. 2488.

Vocational Exchange - Britain Australia Vocational Exchange (BAVE) is offering placements in Britain for Australian students with British employers. Application forms from the Graduate Careers Council of Australia, PO Box 28, Parkville 3052.

Classifieds

The Supply Department has the following items for disposal.

- 1 Cromenco C10 Computer and Add on Drive
- 1 16mm Movie Projector (Graflex)
- 1800 small cardboard carry boxes 8cm x 21cm x 25 cm
- 500 medium cardboard carry boxes 8cm x 26cm x 31cm
- 44 cardboard carry boxes (metal corners) 38cm x 16 cm x 22 cm
- 30 cardboard carry boxes (metal corners) 44cm x 25cm x 34cm
- 3 Sound on Slide projectors
- 1 Phillips Dictaphone plus 2 x 6 recording tapes
- 1 Collator 12 Bin GBC Europa
- 1 Boardroom table 7' x 20' in four sections (solid mahogany)

Further information and offers in writing to Shirley Phillips, Supply Department.

Golden Lion Academy
The Golden Lion Academy, 1032 Dandenong Road, Carnegie is offering up to 20% discount on normal fees to Chisholm staff wishing to become, or remain fit. Anyone interested should contact Mr Pi'er TsuiPo on 211 6611. A leaflet outlining facilities is on the notice board in Staff Branch.
For Sale
One cane baby bassinet on pine stand with all trimmings in white broderie anglaise with red ribbon

insertion. In excellent condition. \$75 the lot. Phone Heather on 2157.

Wanted
Adventurous people to join a group of 12 for a light aircraft safari to Central Australia for two weeks during the semester break. Departing Saturday, 5 July and returning Sunday, 20 July. Estimated cost \$1,500 (includes all accommodation, tours, transportation and most meals). For further information contact Barry Bron, Caulfield ext. 2594.

Gazette Deadline

The deadline for the next GAZETTE is 12 June. Copy can be sent to the Public Relations Office, C1.08 (Caulfield) or telephone Elizabeth Owen on ext. 2099. All contributions and ideas are welcome.

Vacancies

There are vacancies in the International Labour Office and other International Organisations, including the UN. Staff Branch keeps information regarding overseas vacancies and they are available for any member of staff to peruse.