EDUCATING SENATOR WALSH...

As the University NEWS was going to press, the ALP Caucus had just firmly rejected a proposal to reintroduce tertiary fees.

Notwithstanding the decision, the Students' Representative Council, in conjunction with the New South Wales Education Action Network, is continuing the campaign, Education For All.

Network Chairperson, Matthew Yates (President of the SRC), stated:

"With Senator Walsh's proposal to reintroduce fees for tertiary students firmly rejected, the most important thing to remember, as students and members of the public breathe a collective sigh of relief, is that he will undoubtedly attempt to use the same financial arguments again, with more effect, to squeeze funding for the tertiary education sector.

"As Senator Walsh attacks education again through financial rather than social arguments, can we really believe that the move not to reintroduce fees means that the ALP Government truly endorses an education system with access for all?"

He went on: "Will the Government reaffirm its stance on Education, with access for all, by endorsing the funding of an access scheme which allows more places in tertiary education, increased staffing, an adequate allowance for students in need, campus childcare, accommodation, facilities for the disabled and transport, or will it again listen to the shallow financial arguments of Senator Walsh, which will, in effect, deny access for disadvantaged groups and reinforce class inequalities in tertiary education?"

"The New South Wales Education Action Network will continue the 'Education for All' campaign in the lead up to the May Mini-Budget and the August Budget," Bronwyn Brown, Coordinator of the New South Wales Education Action Network, said. "The battle against fees has been won but the struggle for an equitable education system continues; we are still angry!"

INSIDE: Computing Science Chair Filled
Effect of fees

The University of Newcastle is one of the universities that would have been affected most by the reintroduction of tertiary fees, according to the Vice-Chancellor, Professor Don George.

Professor George says that the universities in areas of high unemployment and disadvantage would have been the first "to go to the wall" had the Federal Government brought back university and college fees.

"Although we can't predict accurately just what proportion of our student population would drop out, we are very conscious of the fact that a significant number of our students are on the breadline.

"Reports that the Federal Government was considering the reintroduction of fees were in stark contrast to the platform of the ALP, which states that a Labor Government will maintain the provision of free tertiary education in Australia," Professor George says. "That is why I seriously doubted that the Government will really do it."

It would be totally unfair for the Government to try to reduce the Budget deficit by taking it out on the higher education sector, particularly at a time when many students are having great trouble surviving at university.

As far as he understood the debate in Canberra, the proposal was not a question of redistributing existing funds to assist the more disadvantaged students, but a simple removal of financial support to assist the budget.

Professor George said the concept that most university students are "just poor little rich kids" is not realistic.

Prizes Awarded

At the first meeting of the Newcastle Section of the Royal Australian Chemical Institute for 1985 two RACI Prizes were presented. Pictured (from left) are: Ms. Catherine Diver, the 1985 recipient of the RACI Prize in Chemistry III, Dr. Loris Chahl, guest speaker at the RACI Dinner, Ms. Catherine Harris, the 1985 recipient of the RACI Prize in Chemistry II, and the Chairman of the Newcastle Branch, Mr. Rob Walker.

The Alex Dowling Prize in Labour History was presented at a meeting of Newcastle Trades Hall Council on March 21. Shown are the man who gave his name to the prize, Mr. Alex Dowling, a former Secretary of NTUC, and the recipient of the prize, Ms. Rhonda Geale, part-time Tutor in History. She won the prize for her thesis on The First Rescue Station: the Development of a Mine Rescue Organisation in the Northern District Coalfield.
Hard act to follow

The Students' Representative Council will receive the benefit of considerable past experience in student politics with the appointment of Mr. Terry Ryan as their new Council Rep.

What has made the appointment more significant is that Mr. Ryan came onto the staff straight from being a student at this University in the late 60s.

It will be remembered that this was a very troubled period for universities with students protesting about a number of issues and demanding greater participation in campus affairs.

To suggest that something is wrong about all this is to be dissuaded by the Lecturer in Classics in a polite way:

"It was an era of little student representation in University Government, of confrontation and suspicion rather than consensus. Because of the importance of the issues, Opus was a very controversial newspaper indeed."

Mr. Ryan wants to praise the Council Reps. of that era:

"In spite of being irreverently known as 'the Vice-Chancellor's stooge', the person who held the position was vitally important in relations between the denizens of 'The Hill' and 'The Gully'. As a channel of communication to students the Council Rep's significance cannot be underestimated."

The Council Rep. in the 1980s still has an important function, Mr. Ryan says:

"In spite of the provision of student seats on the Council, the Senate, Faculty Boards and Departmental Boards, there will always be a place, and a need, for low-key dialogue. The Council Rep. can facilitate this dialogue. I stress the low-key aspect, for I do not see myself, or the position, as requiring a high profile, rather as providing equal service to each side when the need arises."

What are Mr. Ryan's credentials for his appointment by the Council?

Terry studied for his Bachelor of Arts degree at the old Tighes Hill campus until the construction of the McEwan Building was completed at Shortland in 1965. He spent the period 1966 to 1971 completing his B.A., taking a Diploma in Education and studying for a Master of Arts degree.

He started in student politics after he was elected as a general student representative on the SRC in 1966. He was Features Editor of Opus in 1968 and 1969 and Vice-President of the SRC in 1969, working as Cultural Affairs Officer and Education Officer on the side.

After joining the staff as Tutor in Classics in 1971, Mr. Ryan was promoted to Senior Tutor in 1973 and Lecturer in 1977. He is a former Sub-Dean of the Faculty of Arts. He succeeds Dr. Peter Hempenstall, Senior Lecturer in History, as Council Rep. on the students' top administrative body. "Peter had the position for six years and is a hard act to follow," he says.

UNESCO Service Available

The Australian National Commission for UNESCO says an important part of its work is to keep the public well-informed about UNESCO.

UNESCO has as its primary role the fostering of international co-operation in education, science, culture and communication.

The Australian National Commission for UNESCO advises the Federal Government on policy towards the Organisation. It also provides a link between UNESCO and national bodies interested in UNESCO's fields of endeavour, co-ordinating Australian participation in international and regional activities.

Should you require information about UNESCO, and the part Australia plays in the Organisation, the Commission's public affairs officer, Mr. Andrew Symon, will be glad to assist you, telephone (062) 897 437.
Professor Ian Plimer chose the title, Gold, for his inaugural lecture on March 13, because since the floating of gold in 1971 economic interest in the metal has led to extensive research and exploration.

South Africa provides 54 per cent of the 1,300 t annual production of gold, the Communist countries 18 per cent and Australia only 3 per cent, Professor Plimer said. Against this, some 90,000 t of gold is available for net dishoarding and, hence, can be regarded as production.

In 1980 in Australia, 10 per cent of mineral exploration expenditure was on gold. Now it is 30 per cent. Australia's production has increased (1981, 17 t; 1983, 29 t) and should be about 50 t per annum by 1990.

Mining costs vary greatly, according to Professor Plimer. South African costs are $US230 an oz, in contrast to Kalgoorlie costs ($US300 to 350 an oz) and newer fields costs ($US250 to 280).

South African production has decreased by 33 per cent and grades have declined over the past 15 years.

It is unlikely that any new mine production will have a substantial influence on price. Active gold exploration may be successful, but a significant increase in the supply of gold is not likely given the dominance of South Africa.

Archaeological studies, Professor Plimer said, have shown that gold has been used for jewellery for at least 8,000 years and as a unit of currency for at least 4,000 years. Even of the last couple of decades of this millennium can only increase demand.

A lesser-known chapter from the book, The Travels of Marco Polo (1296 A.D.), tells how Kublai Khan bought gold for paper money. The death penalty was imposed for counterfeit, home-manufacture of paper money, refusal to allow the Khan to expropriate gold or trading in gold instead of paper money.

The Khan had an inexhaustible supply of the underbark of the mulberry tree, Professor Plimer said. The bark was cut into different-sized pieces, dyed, signed and sealed with great ceremony. The Khan was eventually driven from China and the gold standard was restored.

Today, we live in a mulberry money society, the Inaugural Lecturer said. The Third World debt and the threat it has to the banking system is still unresolved and must increase in uncertainty. Governments in most countries, including Australia, have great difficulty in controlling their expenditure and inflation is encouraged.

In 1972 the US dollar was worth 24.75 grams of gold, whereas today it is worth 1.1 grams of gold. In 1990, 20 ounces of gold bought a new car ($413).

In 1985, 20 ounces could still buy a new car, but $413 could purchase only a miserable second-hand motor bike.

An investment in gold may not make you rich, but it will prevent you from becoming poor, Professor Plimer said.

Some projections suggest that by the period 1995 to 2000, the USSR will produce more gold than South Africa. South Africa is the biggest world producer of gold, chromium, vanadium, diamonds and platinoids, with the USSR being the second biggest producer for each of these essential commodities.

Professor Plimer's concluding point:

Inflation is not expected to disappear and hence gold will remain an important component of investment portfolios. Any rapid increase in price would cause gold to be dishoarded and adversely affect industrial demand. As a result, the price would stabilise. Therefore, gold mines look good business in the coming uncertain years.
In 1982, the University's Staff Credit Union merged with the University of New South Wales' Staff Credit Union, which subsequently changed its name to The Universities Credit Union. The Credit Unions at Sydney University and Macquarie University then followed the example.

Since 1982, the University's branch has been the fastest growing of the four branches.

At the opening of the Credit Union's new office in the Union on March 26, the following growth figures for the branch were announced:

- Increase in members, 86 per cent (now the membership numbers 915).
- Increase in members' savings, 730 per cent (to $1,600,000).
- Increase in loans outstanding, 657 per cent (to $1,700,000).
- Increase in fortnightly deductions, 500 per cent (to $180,000).

Speeches were made at the opening which explained the increase in services provided and the need to meet the members' requirements by establishing a new and more commodious office at the University.

The new premises are on Level 2 of the Union adjacent to the SRC office.

Pictured are (from left): the Vice-Chancellor, who performed the opening ceremony; CU staff Tania Mahon, Karen McIlvenie and Debbie Wood (Office Manager), Mr. D. Doble, President of the Union Board, and Mr. A. McNamara, Chairman of the Board of the Universities Credit Union.

David Syme research prize

The David Syme Research Prize is awarded for the most distinguished contribution to Biology, Chemistry, Geology or Physics during the preceding two years of the year of determination.

Candidates for the prize must have spent five out of the last seven years in Australia and no professor of an Australian university is eligible.

Further information and application forms are available from the Assistant Registrar (Science), the University of Melbourne, Parkville, Victoria 3052, and should be submitted not later than March 1, 1986.

B.Met. course

Following a report from the Faculty Board, Faculty of Engineering, Senate has recommended to the Council that no new students be enrolled in the Bachelor of Metallurgy degree course after the beginning of next year.

This course of action was suggested by the Faculty Board after it considered a report prepared by a special committee.

The committee, comprised of Professors I.J. Polmear, A.V. Bradshaw and G.R. Wallwork, was set up to review the situation in the Faculty of Engineering concerning the degree programmes in Metallurgy and the teaching of Materials Engineering and Materials Science.

Nominations

Nominations for election to the Union Board of Management have been opened and close on April 4. Nomination forms may be obtained from the Union Office.

Elections will be held in the Bank Agency from April 15 to 19 between 10 am and 6 pm.

The annual general meeting of the Union will be held on Wednesday, April 24 in the Union Courtyard at 1 pm.
Fault Diagnosis Study

As computers are realised using circuits, he says, one way to improve their reliability is to build circuits such that even in the presence of faults, a circuit performs correctly. The other approach relates to frequently testing the circuits to determine whether they are functioning properly. In case of malfunctioning, the faulty unit must be identified and replaced or repaired. It is the second approach, called fault diagnosis, which has been studied by Dr. Chandra, in conjunction with Dr. Kewal Saluja, of the Department of Electrical and Computer Engineering.

It is desirable that the number of tests required to completely diagnose a circuit should be as small as possible in order to minimise the time and effort expended in maintaining a system. The number of tests required and the ease with which they can be derived depend on the circuit design. Diagnosability should therefore be an important factor when designing circuits. Different realisations of the same circuit can have different diagnostic properties.

Modular tree realisation of sequential circuits using AND - Exclusive OR - DELAY modules has been studied for fault location. A fault location test set has been derived and an algorithm to locate a simple permanent fault developed.

Dr. Chandra, formerly of the Physics Department of this University, has a Ph.D. in Physics from Queen's University, Canada. Presently he is Head of the Alternative Energy Technology Branch of the Northern Territory Department of Mines and Energy in Darwin. His group is responsible for assessing and promoting viable solar and wind energy technologies. Several demonstration projects are being conducted by the group.

Dr. Chandra is a keen badminton player. He won the University of Newcastle singles championship in 1979. Presently he holds the Northern Territory singles title.

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DRIVER-TRAINING

Professor Ross Telfer, Assoc. Professor in Education, has been awarded a grant of $10,000 by the Traffic Authority of New South Wales to support a study of driver judgment training.

Instructional and audio-visual materials are to be developed and evaluated for their effectiveness in promoting safe driving habits.

Manuals are to be produced for learner-drivers and driving instructors.

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New Address

The State Superannuation Board moved to new premises at 1 Margaret Street, Sydney, on Monday, March 4.

The postal address (GPO Box 4003, Sydney, 2001) and switchboard telephone number (238 2555) will remain the same. The telephone number for the Advisory Service will be 238 2666.

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AWEUN - A.G.M.

will be holding their annual general meeting on Friday, April 19 at 12.30 pm in the Auchmuty Room of the Union.

Election of officers and committee for the next 12 months will be held.

Light refreshments will be served.
KURRI KURRI SCHOLARSHIP WINNER

The 1985 Greater Newcastle Permanent Scholarship has been awarded to Miss Jacqueline Moye, of Abermain.

Jacqueline, daughter of Mr. and Mrs. J. Moye, has completed studies for the New South Wales Higher School Certificate at Kurri Kurri High. She was a member of the school choir and enjoys social tennis and basketball. Her parents are well-known in Abermain, her father, John, being a keen bowler and member of Abermain Bowling Club.

The scholarship, the second sponsored by the Greater Newcastle Permanent Building Society, is valued at $1,950 per year for three years. The scholarship was selected from applicants for admission as full-time students in the Faculty of Economics and Commerce who had completed studies for the New South Wales Higher School Certificate in 1984. Selection followed an interview of six finalists by a selection committee.

The presentation was made at an informal gathering in the Council Room on March 14.

The General Manager of the Society, Mr. R. Fraser, presented Jacqueline with a framed scholarship certificate and said that he was pleased that the criteria for the selection of the scholar enabled the Selection Committee to take financial need into account and that this would assist young people to pursue full-time study. Mr. Fraser congratulated Jacqueline on her selection and wished her well with her studies.

He also congratulated the 1984 scholar, Merredy Brown, on her results in 1984. Merredy won the S.D. Lindgren Memorial prize for the best performance in Legal Studies I and shared the Shell Company of Australia Limited prize for the best performance in the first year of the Bachelor of Commerce or Bachelor of Economics degree courses.

The Vice-Chancellor, Professor D. George, presented Jacqueline with the scholarship cheque and thanked Emeritus Professor B. Nashar, Chairman of the Board of Directors of the Society, and Mr. Fraser for the continued support the Society has given by providing a second scholarship. He also expressed the hope that further scholarships would be provided.

Jacqueline later expressed her appreciation on being selected the scholar in 1985 which was the Diamond Jubilee year of the Greater Newcastle Permanent Building Society.

The Dean entertained guests, including the Vice-Chancellor, Emeritus Professor Nashar, Mr. Fraser, the Marketing Manager of the Society Mr. O. Brady, the Sub-Dean Dr. I. Beaman, the 1984 scholar, and the 1985 scholar, at a luncheon held in the Godfrey Tanner Room in the University Union following the presentation.

Homage to Bach

The Newcastle University Choir will pay homage to the birth of J.S. Bach, 300 years ago by performing St. John Passion in the Great Hall on Good Friday, April 5, beginning at 8 pm.

Local tenor, Paul Bevan, whose Evangelist in last year's St.

Matthew Passion was widely acclaimed, will again fill that role for this performance. Paul also assisted the Musical Director, Peter Brock, in writing a new English text for the work, bringing the translation (from German) into a setting much more faithful to Bach's approach.

Other soloists are: soprano, Patricia Butcher; mezzo-soprano, Irene Waugh; tenor, Adrian Brand and bass, and Christ Grant Dickson.

Tickets are available from the Westpac Branch at the University. The cost is $8 for adults and $5 concession.
VIDEO TRAINING COURSE

Have you ever wanted to learn how to use a statistical package to analyse research data? If so, the opportunity is given through a video training course arranged by the Department of Geography as part of its undergraduate Methods Course.

Statistical Analysis System (SAS) is reportedly a very flexible, easy to use and extremely powerful computer package. It is designed to store, manipulate, analyse and display data. It is so flexible that in many cases a computer and the various SAS products are all that is required for any computer application. The flexibility and power, together with the fact that SAS is used by a wide range of Government Departments and industrial concerns, led to its selection as the statistical analysis package to be used in the Methods Course.

SAS is currently available only on the staff/research computer (VAXA) and, therefore, is easily accessible to staff and postgraduate research students.

Therefore to use SAS requires an account on VAXA and the ability to create and edit files. Detailed instructions on how to access the SAS programme are available either from the Computing Centre, or Mr. Jon Symon, Lecturer in Methods.

The SAS video training course has been hired by the Department of Geography in April. During this time it will be available for use by any interested persons. If funds are available in the future and the demand warrants the expense, the video training course will hopefully be made permanently available on campus.

To use the video training course, you should contact the Audio-Visual Section, Auchenmuir Library, and make a booking (Extension 805). In addition to the video tapes, a student work book is available. The work book contains review questions and answers, together with exercises to be carried out on the computer. Two of these workbooks will be available with the video course, but they do form a valuable reference text for individual users and can be purchased for $30 from SAS Publications Department, PO Box 4345, Sydney 2003.

The exact title is The SAS Video Training Basics 100-Series Workbook.

Persons interested in the video training course should contact Mr. Symon, C/- the Department of Geography.

Reading Problem

The Department of Community Programmes is offering a one-day workshop for parents of children aged 7 to 15 who have reading problems.

Helping Children to Overcome Reading Difficulties will be held in Room V102 in the Mathematics Building on April 20, beginning at 9,30 am.

The Tutor, Lynley Brennan, is an experienced teacher who has specialised in remedial education, particularly in ways of overcoming reading problems.

She will help parents to identify the source of their child's problems and will discuss and demonstrate exercises which have proved to be effective for overcoming different kinds of 'blockage'. She will also discuss the use of special remedial reading material which has recently become available.

LIFESTYLES

The Department of Community Programmes will give adults and family groups the opportunity to study and experience alternative lifestyles.

A programme designed by the Department includes:

- An introductory residential weekend discussion group from April 26 to 28.
- A "live-in" experience during the May vacation, and
- A follow-up residential weekend from May 31 to June 2.

The discussions will cover such topics as the history of alternative movements in Australia, types of alternative lifestyles, what factors trigger the urge to depart from conventional ways of living, the minimal requirements for a sustainable community and the ethics of finding out about how other people live.

For the Home Builder

By following the step-by-step instructions given in a course for owner-builders and in the comprehensive notes provided, students should be better equipped to complete successfully their "dream home", or alterations and additions.

The course, For the Home Builder, will be presented by the Department of Community Programmes and the Creating Building Advisory Service, of Bankstown, in Lecture Theatre K202 from April 19 to 21.

Some of the aspects covered will be: selecting the block, interpreting the plans, specifications, contracts, selecting materials, calculating quantities, job programming, wall and roof construction, insurances and energy conservation.
Graduation Dinner Dance

Convocation and the Union will again collaborate to present a Graduation Dinner-Dance. It will be held in the Union on the night of Graduation Day, May 4, at 7:30 pm for 8 pm.

A sit-down roast dinner and music (from Kim Pink's medium-sized orchestra) will be provided for guests.

The cost will be $18 a head.

Graduands and their friends can buy tickets through a mail order system. Cheques should be sent to Graduation Dinner-Dance, C/- Secretary of Convocation and a stamped addressed envelope included.

The cost includes only the liquor and soft drinks on the tables. However, a wide range of drinks will be available at the Bar.

The dinner-dance will not be formal. New graduates are being encouraged to take their academic dress (in keeping with a long tradition). It will then be available for the Graduation Waltz.

NEW POLICY TO COMBAT R.S.I.

The University's new policy on the use of word processing equipment, computer keyboards and electronic typewriters is consistent with the action currently being taken by many employers to combat the increasing incidence of repetition strain injury (RSI).

Operators of the equipment are to spend no more than four hours in any one day operating the equipment, with the maximum period of operation without a break not to exceed one hour, followed by a similar period of time on another (non-keyboard) type activities.

It is essential that all users of the equipment abide by this new policy, as experience has shown that the previous practice of only having a short break during each hour of keyboard operation has been ineffective in combating RSI.

The following graph, presented to the 1984 Conference of the Ergonomics Society of Australia and New Zealand, clearly shows that the incidence of RSI is directly related to the period of time a person operates a keyboard.

Employers who have not taken action to combat RSI have found their workers' compensation insurance premiums have increased dramatically, as the number of RSI cases reported have increased with the premium of one company increasing from $200,000 to $5,500,000 in just two years.

The National Occupational Health and Safety Commission have recognised the seriousness of RSI and have moved quickly to establish a committee to examine all aspects of this problem. Its report is expected in the near future.

M.E. Edmonds,
University Safety Officer.
Dr. John Cheffers, a Director of the Australian Institute of Sport in Canberra, will come to the University to be the guest speaker at this year's Blues Dinner in the Union on April 19 at 7 pm.

Don Meldrum, an outstanding student hockey player, will be presented with a blue at the dinner.

Don, enrolled in the Faculty of Engineering specialising in Computer Engineering, has played hockey for this University since 1981. He is both a Newcastle and Intervarsity representative player and had a place in the Australian Universities Test teams that played New Zealand universities and Fiji.

Paul Berry, baseballer, Peter Wade, water-skier, and John Elder, hockey player, will be awarded colours.

Tickets for the dinner cost $22.50 and are available from the Sport and Recreation Office.

Slightly rotund persons who are seeking fat reduction may find the following suggestions of interest:

Implications for Losing Fat

- Increase the level of "Aerobic", or endurance exercise, to a minimum of 20 minutes, four times per week.
- Decrease total calories, but avoid crash diets.
- Select only a weight-control programme which can become a lifetime habit.
- Eat larger meals at the start of the day, smaller meals at the end.
- Carry out gentle fat-burning exercise, like walking rather than vigorous exercise.
- Record and monitor your eating habits, with the aim of cutting down on unnecessary eating.

- Choose foods low in fat-content as these can contain twice the kilojoules per gram of non-fat foods.
- Ignore body weight as a measure of fat reduction. Decreases in fat can be compensated for by increases in muscle which weighs more but is less bulky.

The golf match between staff and students of the University will take place on Friday, April 19 at Steelworks Golf Club.

Two starting times will be available - 8.30 am to 9 am, and 12.15 pm to 1 pm.

The eight best Stableford scores are counted for each side to determine the holder of the trophy.

Congratulations to members of the University of Newcastle Weight Lifting Club who were successful in events at the Sydney Weight Lifting Titles at Castle Crag on March 17.

100 Kg Class

Peter Flanagan, who reduced his body weight by 6 kg in six days to compete in this class, finished first, with the following programme: Squat, 215 kg, Bench, 95 kg, and Deadlift, 200 kg. Total: 510 kg.

48 Kg Class

Fiona Dawes, First in Division (a tremendous effort): Squat, 80 kg, Bench, 40 kg and Deadlift, 100 kg. Total: 220 kg.

67.5 Kg Class

Lance Nilsson, Third in Division (a magnificent achievement). In spite of a short training period covering three weeks only, and a chain-saw arm injury: Squat, 140 kg, Bench, 85 kg, Deadlift 180 kg. Total: 405 kg.

With lifters of this calibre available to pass on their "know-how", why not join the Club?

The Club was supported very vocally at Castle Hill by students Gary Lane, Liz Flanagan, Maria Douglas, Alexander Douglas and a couple of their friends.
Computing Science Chair Filled

Professor Leslie Keedy has taken up his appointment to the Foundation Chair of Computer Science at the University.

Professor Keedy, who is 44 years of age, was educated in the United Kingdom, and first studied theology at King's College, London University graduating B.D. (Hons) in 1964. This was followed by a Doctor of Philosophy in Theology from Trinity College, Oxford University (1968). From 1968 to 1974 he worked with International Computers Ltd., in the UK and West Germany, initially as a systems programmer. After being promoted to design consultant he became a member of the central design team responsible for VME-B, the main general purpose operating system for the ICL2900 series of computers. He came to Monash University in 1974 as a Lecturer in the Department of Computer Science. He was promoted to Senior Lecturer in 1978 and completed a further Ph.D. (Computer Science) as a staff member of that University. In 1982 he was appointed Full Professor of Computer Science and Head of the Operating Systems Research Group at the Technical University of Darmstadt, West Germany, with seven academic and technical staff. In 1984 he became Director of the Institute of Practical Computer Science, which had a staff of five professors with their research groups.

Professor Keedy's research interests (in which he has gained a notable international reputation) are in the areas of operating systems, computer architecture and hardware, software engineering and programming language design. In 1976 he established the MONADS Project at Monash with the aim of developing techniques which improve the quality of large software engineering projects and which provide a better technological basis for guaranteeing the privacy of information in computer systems. This research has led to the development of a workstation computer, the MONADS-PC, which recently attracted international recognition at the 1985 Hawaii International Conference on System Sciences, where a paper describing its design was designated best paper in the hardware section. The other main achievement of the project has been the development of a new very high level programming language, LEIBNIZ, the work on which has mainly been carried out in Darmstadt.

The Chair of Computer Science is located in the Department of Mathematics, Statistics and Computer Science. The policy of the Department is to promote the application of mathematical disciplines to other fields including physical, social and life sciences, engineering, economics, commerce and the management sciences. Professor Keedy's initial aims are to re-establish the MONADS Project here in Newcastle and to introduce a first year computer science course in the near future. He is also interested in promoting the use of computing throughout the University, including areas not conventionally associated with modern technology.

Professor Keedy's background of research and teaching will greatly aid the integration of computing studies within the University. In particular, with the appointment also of Professor Cantoni to a Chair of Computer Engineering last year, the University is now in a very strong position to provide academic leadership in this growing and all-important area of contemporary study.

PROSPECTS IN ISRAEL

The next meeting of Newcastle Group of the Australian Institute of International Affairs will be addressed by Mr. Grant Battersbee, of the Department of Foreign Affairs, on the topic Israel: Prospects for a Settlement. It will be held in the Staff House on April 12 preceded by buffet dinner at 6 for 6.30 pm.

Mr. Battersbee joined the department in 1972 after graduation from the University of Adelaide. His postings include Yugoslavia, the German Democratic Republic and Israel.

PHILOSOPHY

The Philosophy Club has introduced a series of lunchtime papers of interest to staff and students.

The programme for the next month:

Advertisements

For Sale

Shortwave radio in working order in large handmade music storage cabinet. Storage cabinet for glassware, which can be hung above counter. Two child restraint car seats. One old green easy chair. Bedheadbookcase for two single beds. Red couch plus matching lounge chairs. Interested persons are requested to telephone Extension 774.

Weather board and tile Tudor residence in the Birmingham Gardens area. Features include: entrance foyer, lounge, dining rooms with picture window and great view, kitchen with dinette (loads of cupboards), large bedrooms with built-ins, sunroom, air-conditioning, oil heating, ceiling fans, dishwasher and many other extras. Office, laundry and second shower recess underneath. The property can be converted into five bedrooms. All interested persons are requested to telephone 55 8587.

Three bedroom, weatherboard and tile home in the New Lambton area. Features include: good exterior, fully renovated interior with quality inclusions, ceiling fans in four rooms, oil heating. Brick garage with carport. Situated on a small level block in quiet location adjacent to parts, high school and university bus route. Block is fully fenced including brush fencing at the front with many native trees. Asking price: $60,950. All interested persons are requested to telephone Extension 700.

Wanted to Buy

One copy of Anne Deveson's "Australians at Risk". If you are able to assist please telephone Extension 700 or 32 8118 after hours.

An inexpensive bike suitable for a 10 year-old girl, preferably with three gears. If you are able to assist please telephone 511 at 58 6458 (evenings only).

Concrete or terracotta garden pots with a diameter of 35cm or greater. If you are able to assist please telephone Extension 233 or 43 4083 (after hours).

Camping Weekend

at Barrington Tops (near Gloucester) April 27 and 28

Beautiful riverside campsites and shower facilities and large undercover area. Horse riding, bushwalking, canoeing, etc. Cost: $2 per person for camp site, Bar, rescue and Country and Western Night to be held on Saturday night. Proceeds to aid Riding for the Disabled Association (Newcastle Branch). All interested persons are requested to telephone Rosemary Parris at Extension 572.

Diary of Events

Tuesday, April 2, 1 pm

Lunchtime concert featuring John Ewbank.

7 pm to 10 pm

Entertainment in the Bar (featuring resident band and comedy act).

Wednesday, April 3, 1.15 pm

Game: Master Trivial Mind in the Courtyard.

1 pm

The Chaplains and the Student Christian Movement will sponsor a special Easter Service to be held in the Auchmuty Room of the University Union. All are most welcome to attend.

8 pm to 10 pm

Entertainment in the Bar.

Thursday, April 4, Noon

Movie: Key Largo, Union Common Room.

9 pm to 1 am

Disco in the Southern Cross Lounge.

Tuesday, April 11, Noon

Movie: Key Largo, Union Common Room.

9 pm to 1 am

Disco in the Southern Cross Lounge.

Revue: Tie Me R Roxby Down, in the Union Courtyard.

7 pm to 10.30 pm

Entertainment in the Bar featuring resident band and comedy act.