ENERGY MANAGEMENT

For some time the Planner's Division has been investigating ways in which the University's use of electricity and other energy sources could be minimised. Recently, the Assistant Planner (Mr. M. Edmonds) and Assistant Staff Engineer (Mr. R. McWhinney) attended a conference on Energy Management in Australian Universities held at Melbourne University on August 22 and 23.

Many universities have been taking action in various ways to conserve energy, and this conference was arranged by the Australian Vice-Chancellors' Committee so that each university could be aware of the energy conservation measures being taken at other universities.

Some of the energy conservation measures being taken at various universities reported to this conference were:

- Use of photoelectric cells to control exterior lighting.
- Reviewing the lighting level in buildings and removing excess fluorescent tubes.
- Recircuiting large areas of lighting to give more flexibility of control.
- Fitting time clocks to air conditioning plant controls.
- Operating library air conditioning plants to approximately match the hours of operation in lieu of continuous operation.
- Adjusting the temperature and humidity levels in libraries.
- Adding additional insulation to air conditioned buildings.
- Investigating the use of solar energy for heating.
- Reducing the temperature settings on hot water systems.
- Use of 4-cylinder vehicles in lieu of 6-cylinder vehicles.
- Installation of centralised control and monitoring systems.
- Reviewing electricity tariffs.
- Use of Microwave Movement Detectors with lecture theatre lighting and air conditioning/mechanical ventilation systems.

(Continued on Page 2)

Simon Resigns

Well-known University personality, Simon, has resigned. He will leave the Department of Mathematics in late October to take up an appointment with the University of Exeter.

Simon is a presenter for the University's radio station 2NUR-FM and is different because he has discarded two of society's mores. In his own words: "I have a weird name and wear weird clothes".

Recalling England's blizzards, Simon suggested that he might have to change his personal mode of dress when he arrived at the University of Exeter.

Having halted the annual increase in energy consumption and having achieved a marked reduction, the University is urging everybody to keep further by doing such things as switching off lights when classrooms are unoccupied.

Simon has achieved a following outside the University through his programme, Easy Classics, broadcast by 2NUR-FM. He believes that the FM Stereo station has done a lot of good in the community and expressed the hope that nothing would be done in the future to change that.

He will join the Computer Science Department at the University of Exeter as a lecturer on November 1. It will be a fixed appointment, so, he says, he could return to Newcastle University.

Simon holds B.Sc. and B.A. degrees from James Cook University, North Queensland, and a Diploma in Computer Science from this University. He has commenced a thesis to qualify him for a degree of Master of Mathematics.

Photo: Frank Zuarda
Conference delegates showed a keen interest in the use of Microwave Movement Detectors to control lecture theatre lighting and air conditioning/mechanical ventilation systems which has been developed at our University. Approximately 50% of the total energy cost at all universities is the cost of electric power, consequently the majority of the energy conservation measures being taken are aimed at conserving electric power. Consequently, the majority of the energy conservation measures being taken are aimed at conserving electric power.

In February 1979 we have implemented a number of measures to conserve electric power which will result in savings of approximately $45,000 this year. A graph of power consumption at this University over the last three years clearly indicates the impact of the energy conservation measures taken to date.

How can you help to conserve energy? While the large percentage of energy savings is achieved by control of major plant, lighting levels, etc., it is important to realize that each and every one of us can contribute to the overall conservation of energy by such simple action as:

- Turning off lights when rooms are vacated.
- Turning off your radiator when out of your office.
- Turning off equipment that is not being used.

D.O. MORRIS,
University Planner.

Dear Sir,

In his letter in your September 20 issue the hardworking Dr. Kay challenges my "authority" for urging that non-academic staff at our University be paid by cheque (see Vol. 15, No. 4, "University News").

By addressing his argument "AD HOMINEM" (to the man) instead of "AD CAUSAM" (to the principle) he, of course, admits that he has not a single, solitary, argument of any cogency to support the continued payment of non-academic salaries by cash.

He specifically invites my comment on the following points:

- My "academic" authority is that of any citizen who finds the time and energy to write to responsible editors of media in a democratic society to draw attention to dangers to life and safety, which I am not the one to publicize - the PSA surely did that in its second resolution. In any case, Dr. Kay will surely not argue that there is no safety problem?

- The next accusation is that I "inflame the attitudes of non-academic staff". At the moment academic staff get paid by cheque and non-academic staff by cash. I argue in favour of removing this discrimination. Dr. Kay wishes to preserve it. Perhaps he is the one who prefers "QUOD LICET IOVI NON LICET BOVI" (what is allowed to Jupiter is not allowed to the ox). (Professor Tanner will translate Latin phrases for Dr. Kay's benefit). I am less likely to be mugged than Dr. Kay's cash-laden comrades on pay-day.

- My personal authority is that of any citizen who finds the time and energy to write to responsible editors of media in a democratic society to draw attention to dangers to life and safety, which I am not the one to publicize - the PSA surely did that in its second resolution. In any case, Dr. Kay will surely not argue that there is no safety problem?

- The next accusation is that I "inflame the attitudes of non-academic staff". At the moment academic staff get paid by cheque and non-academic staff by cash. I argue in favour of removing this discrimination. Dr. Kay wishes to preserve it. Perhaps he is the one who prefers "QUOD LICET IOVI NON LICET BOVI" (what is allowed to Jupiter is not allowed to the ox). (Professor Tanner will translate Latin phrases for Dr. Kay's benefit). I am less likely to be mugged than Dr. Kay's cash-laden comrades on pay-day.

I regret to hear that Dr. Kay was telephoned by 50 (?) irate misguided individuals and that he did not refer them to me for counselling. They would have been welcome as my guests at various functions. At least 250 (?) women expressed a congratulatory attitude. Dr. Kay is invited to present his arguments (which I fail to detect) to the Newcastle Business Men's Club. Mr. Brian Relf, Head of our Convocation and Programme Committee representative of the Club informs me he has some dates open in October.

Concurrently with this note I have sent a description by a CBC branch manager of the process of paying all employees by cheque at St. Vincent's Hospital, to the Vice-Chancellor.

Finally, I wish to prophesize that there will be compulsory legislation requiring employers of more than a specified number of employees to pay them by cheque. I am using my efforts, through the usual democratic processes available to me, to get my parliamentary representatives to introduce such bills. Perhaps, who knows, such legislation will be introduced before Dr. Kay gets his passport cancelled for those parts of the world where such democratic action would be denied me?

G.E. FERRIS,
Senior Lecturer.
(Professor Tanner kindly translated the Latin words, as Mr. Ferris assured that he would - Editor.)

National Award

The University's radio station 2NUR-FM has won a Certificate of Merit in a major Australian Media competition.

In the Australian Hi-Fi FM Radio Awards 1979 2NUR-FM competed against all FM stations now operating in Australia, including ABC-FM, and was awarded the Certificate for an entry in the Music Category.

The winning programme was an episode from the FOLK FACE series, recorded and introduced by volunteer producer/presenter Pam Merrigan.

The series featured local and international folk artists performing at various Newcastle and Hunter Valley venues. Pam's FM award winner highlighted the talents of visiting British composer/musicians Martin Carthy, formerly with the well-known group Steelcase Span.

2NUR-FM's winning programme will be re-broadcast on the station at 5 pm on THURSDAY, OCTOBER 28.
Graduate's Query

Mr. Petrie Simington's last contact with the University was about 15 years ago. He was an undergraduate of Newcastle University College and was awarded a Bachelor of Engineering in Mechanical Engineering in 1968. Mr. Simington was a member of the University's 1st Grade Rugby team in the late Fifties and early Sixties - teams that became "glamour" sides because of their youth, speed and successes in the local competition.

He was a second row forward and line-out specialist, and a member of University of Newcastle's 1959, 1961 and 1962 premiership-winning fifteens. The 1962 team, with Mr. Brian O'Shea as captain, was undefeated major and minor premiers.

With the effluxion of time Mr. Simington left Newcastle and took up appointments as Head of the School of Technology and Science at Darwin Community College and Head of the School of Engineering at Lae Technical College. He is presently Education specialist with the Asian Development Bank in Manila.

In a letter informing the Secretary of Convocation of his whereabouts, he has asked whether he is able to purchase a replacement University Blue. His need stems from the disappearance of the Blue jacket that he was awarded for Rugby in 1960. The sporting award was lost in Darwin in Cyclone Tracy in 1974.

Convocation and the Amenities Office have made arrangements for Mr. Simington's wishes to be met.

Seahorse Wines

One of the Hunter Valley's leading wine makers is supplying Convocation with a special wine offer.

Tyrell's Vineyards Pty. Ltd., of Pokolbin, can supply a dozen bottles of special wines for $30.

The Seahorse Selection by Convocation, the offer consists of:

2 bottles Old Twany Port
2 bottles Pokolbin Rouge
2 bottles Vat 3/79 Blanquette Shiraz
2 bottles Traminer Riesling
2 bottles Vat 13/76 Special Bin Dry Red
2 bottles Sauvignon Blanc.

The price includes a complete written appraisal of the selection by the winemaker and free delivery in Newcastle.

Concession rates are available for delivery to main centres in Australia.

Orders should be placed direct with Tyrell's, of Pokolbin, N.S.W. 2321.

Sketches Donated

After an exhibition of "walkabout sketches" by Mr. Henry Clarke was concluded in the Staff House there was a bonus for the Club.

Mr. Clarke, Lecturer in Architecture, made a donation of two sketches as an indication of the exhibition's success and his gratitude to those who organised it.

The Committee of the Staff House had previously purchased two of Mr. Clarke's works, The Great Northern Hotel and The Kurri Kurri Hotel, which have appropriately been hung in the Club's bar.

Secretary of the Staff House, Mr. Robert Gibberd, stated that members of his Committee considered that as Mr. Clarke was a member of the Club and the sketches depicted local landmarks they should be acquired by the Staff House.

Mr. Clarke donated his versions of the Old Birdsville Hotel and the Old Birdsville Track.

Chairman's Visit

Professor Bruce Williams, Chairman of the Committee of Inquiry Into Education and Training, will deliver a lecture at Newcastle University this month.

Professor Williams, Vice-Chancellor of the University of Sydney, will talk on The Economics of Higher Education and the Williams Report. (The report of the CIIET, called the Williams Report, was presented to the Federal Government early this year).

The Chairman's visit to the campus is being organised by the Newcastle Branch of the Economics Society. Professor Williams' lecture will be delivered in R04 on October 31 at 2 pm.
The Australian Vice-Chancellors' Committee has endorsed statements by the Tertiary Education Commission warning the Government that teaching and research will be seriously impaired unless capital and equipment funds for 1980 were held off. The TEC had pointed out that the situation concerning capital grants was serious.

The TEC had said: "The building programme of the university sector has fallen by 52 million or 72 percent in real terms between 1975 and 1979. Described as the fact that total student load has levelled off, there is a backlog of demand for teaching space arising from the earlier period when the rapid growth in student numbers outstripped the capacity to provide associated physical facilities".

The TEC also pointed out that "the current level of capital funding understates the reasonable needs of universities". Professor Myers said the AVCC believed there was a need to return to triennial funding for capital and equipment as recommended in the Williams Report.

Fellowship

Dr. David John Hill was admitted to a degree of Doctor of Philosophy at this University in 1977. He had been a student from the Department of Electrical Engineering. Last week, the Minister for Science and the Environment (Senator Casey) announced that Dr. Hill and four other scientists had been awarded Queen Elizabeth II Fellowships. Of the five scientists three were Australians and two were Britishers.

Dr. Hill is presently attached as a post-doctoral fellow to the University of California at Berkeley. He is considering whether he should devote the Queen Elizabeth Fellowship to returning to this University to work on electrical circuits and systems.

Professor B. Anderson, Professor of Electrical Engineering, said that he was delighted to have a man of such outstanding calibre as Dr. Hill, and that he might be working again at Newcastle University.

It believed the universities' teaching and research capacities were being impaired by equipment not being replaced or being kept up to date and in some cases by inadequate teaching accommodation, and that maintenance and minor works would be a recurring problem, as the TEC had pointed out.

ACADEMIC STAFF RELATIONS

The AVCC is prepared to engage in direct negotiations with the Federal Government about the Tertiary Education Grants Commission's decision to reduce recurrent grants to universities. The AVCC said its belief was the Academic Salaries Tribunal had not given it an appropriate instrument for recommending academic salaries.

It pointed out that the Federal Government had prepared to adjust recurrent grants to universities to take account of recommendations of the Academic Salaries Tribunal, but there was no guarantee that similar adjustments would be made to take account of legally binding awards by other bodies, even at the Federal level.

However, it thought that it was more hazardous for consideration to be given to State salary determinations, as this could put at risk the national system of academic salaries.

The AVCC has been considering the approach which universities should take in relation to academic salary determinations for some months, and has had discussions with FAUSA. It has also had discussions with the Federal Government on proposals to amend the legislation governing the Academic Salaries Tribunal to give it more flexibility.

The Committee said that one of the inherent strengths of universities is the unusually wide consultative procedures used to determine policies within universities. The AVCC was not yet persuaded that the majority of academic staff would realize the changed circumstances and increased financial problems for all members which would arise if external industrial arbitration systems were invoked. The arbitration systems expected an independent 'employer' submission on matters to be arbitrated and the formulation of this 'employer' policy could well mean a much reduced involvement of academic staff in the management of staff affairs at governing body level.

New Publication

PROSPECTUS is a new official publication of the University.

It believed the universities' teaching and research capacities were being impaired by equipment not being replaced or being kept up to date and in some cases by inadequate teaching accommodation, and that maintenance and minor works would be a recurring problem, as the TEC had pointed out.

ACADEMIC STAFF RELATIONS

The AVCC is prepared to engage in direct negotiations with the Federal Government about the Tertiary Education Grants Commission's decision to reduce recurrent grants to universities. The AVCC said its belief was the Academic Salaries Tribunal had not given it an appropriate instrument for recommending academic salaries.

It pointed out that the Federal Government had prepared to adjust recurrent grants to universities to take account of recommendations of the Academic Salaries Tribunal, but there was no guarantee that similar adjustments would be made to take account of legally binding awards by other bodies, even at the Federal level.

However, it thought that it was more hazardous for consideration to be given to State salary determinations, as this could put at risk the national system of academic salaries.

The AVCC has been considering the approach which universities should take in relation to academic salary determinations for some months, and has had discussions with FAUSA. It has also had discussions with the Federal Government on proposals to amend the legislation governing the Academic Salaries Tribunal to give it more flexibility.

The Committee said that one of the inherent strengths of universities is the unusually wide consultative procedures used to determine policies within universities. The AVCC was not yet persuaded that the majority of academic staff would realize the changed circumstances and increased financial problems for all members which would arise if external industrial arbitration systems were invoked. The arbitration systems expected an independent 'employer' submission on matters to be arbitrated and the formulation of this 'employer' policy could well mean a much reduced involvement of academic staff in the management of staff affairs at governing body level.

New Publication

PROSPECTUS is a new official publication of the University.

It believed the universities' teaching and research capacities were being impaired by equipment not being replaced or being kept up to date and in some cases by inadequate teaching accommodation, and that maintenance and minor works would be a recurring problem, as the TEC had pointed out.

ACADEMIC STAFF RELATIONS

The AVCC is prepared to engage in direct negotiations with the Federal Government about the Tertiary Education Grants Commission's decision to reduce recurrent grants to universities. The AVCC said its belief was the Academic Salaries Tribunal had not given it an appropriate instrument for recommending academic salaries.

It pointed out that the Federal Government had prepared to adjust recurrent grants to universities to take account of recommendations of the Academic Salaries Tribunal, but there was no guarantee that similar adjustments would be made to take account of legally binding awards by other bodies, even at the Federal level.

However, it thought that it was more hazardous for consideration to be given to State salary determinations, as this could put at risk the national system of academic salaries.

The AVCC has been considering the approach which universities should take in relation to academic salary determinations for some months, and has had discussions with FAUSA. It has also had discussions with the Federal Government on proposals to amend the legislation governing the Academic Salaries Tribunal to give it more flexibility.

The Committee said that one of the inherent strengths of universities is the unusually wide consultative procedures used to determine policies within universities. The AVCC was not yet persuaded that the majority of academic staff would realize the changed circumstances and increased financial problems for all members which would arise if external industrial arbitration systems were invoked. The arbitration systems expected an independent 'employer' submission on matters to be arbitrated and the formulation of this 'employer' policy could well mean a much reduced involvement of academic staff in the management of staff affairs at governing body level.

New Publication

PROSPECTUS is a new official publication of the University.

It believed the universities' teaching and research capacities were being impaired by equipment not being replaced or being kept up to date and in some cases by inadequate teaching accommodation, and that maintenance and minor works would be a recurring problem, as the TEC had pointed out.

ACADEMIC STAFF RELATIONS

The AVCC is prepared to engage in direct negotiations with the Federal Government about the Tertiary Education Grants Commission's decision to reduce recurrent grants to universities. The AVCC said its belief was the Academic Salaries Tribunal had not given it an appropriate instrument for recommending academic salaries.

It pointed out that the Federal Government had prepared to adjust recurrent grants to universities to take account of recommendations of the Academic Salaries Tribunal, but there was no guarantee that similar adjustments would be made to take account of legally binding awards by other bodies, even at the Federal level.

However, it thought that it was more hazardous for consideration to be given to State salary determinations, as this could put at risk the national system of academic salaries.

The AVCC has been considering the approach which universities should take in relation to academic salary determinations for some months, and has had discussions with FAUSA. It has also had discussions with the Federal Government on proposals to amend the legislation governing the Academic Salaries Tribunal to give it more flexibility.

The Committee said that one of the inherent strengths of universities is the unusually wide consultative procedures used to determine policies within universities. The AVCC was not yet persuaded that the majority of academic staff would realize the changed circumstances and increased financial problems for all members which would arise if external industrial arbitration systems were invoked. The arbitration systems expected an independent 'employer' submission on matters to be arbitrated and the formulation of this 'employer' policy could well mean a much reduced involvement of academic staff in the management of staff affairs at governing body level.

New Publication

PROSPECTUS is a new official publication of the University.

It believed the universities' teaching and research capacities were being impaired by equipment not being replaced or being kept up to date and in some cases by inadequate teaching accommodation, and that maintenance and minor works would be a recurring problem, as the TEC had pointed out.

ACADEMIC STAFF RELATIONS

The AVCC is prepared to engage in direct negotiations with the Federal Government about the Tertiary Education Grants Commission's decision to reduce recurrent grants to universities. The AVCC said its belief was the Academic Salaries Tribunal had not given it an appropriate instrument for recommending academic salaries.

It pointed out that the Federal Government had prepared to adjust recurrent grants to universities to take account of recommendations of the Academic Salaries Tribunal, but there was no guarantee that similar adjustments would be made to take account of legally binding awards by other bodies, even at the Federal level.

However, it thought that it was more hazardous for consideration to be given to State salary determinations, as this could put at risk the national system of academic salaries.

The AVCC has been considering the approach which universities should take in relation to academic salary determinations for some months, and has had discussions with FAUSA. It has also had discussions with the Federal Government on proposals to amend the legislation governing the Academic Salaries Tribunal to give it more flexibility.

The Committee said that one of the inherent strengths of universities is the unusually wide consultative procedures used to determine policies within universities. The AVCC was not yet persuaded that the majority of academic staff would realize the changed circumstances and increased financial problems for all members which would arise if external industrial arbitration systems were invoked. The arbitration systems expected an independent 'employer' submission on matters to be arbitrated and the formulation of this 'employer' policy could well mean a much reduced involvement of academic staff in the management of staff affairs at governing body level.
STUDENTS' NEW LEADER

Full-time Arts student, Mr. Greg Holding, who is campaigning for better housing and transport for students and the provision of dental services on campus, is President-elect of the Students Representative Council.

As reported in the News on September 20 Mr. Holding defeated the 1979 President Mr. Max Spaanenburg. Voting totals were Mr. Holding 268 to Mr. Spaanenburg 253.

In the 1979 election, Mr. Holding, nephew of Mr. C. Holding, MHR, former Leader of the Labor Opposition in the Victorian Parliament, revealed his plans for the Presidency next year in a policy statement, the primary points of which are:

HOUSING. This is number one priority, students deserve to be better housed and should not be discriminated against by real estate agents. He will campaign for more University money to be spent on student housing.

TRANSPORT. There is a need for greater co-operation between the University for a more efficient transport system to the University. He is working for buses and charters to be co-ordinated and intends to investigate the provision of bicycle lanes on main roads and the establishment of a car pool.

DENTAL. Dental care provided to students by Royal Newcastle Hospital is inadequate, he says, so he proposes to obtain information about dental services available on other University campuses in an endeavour to have a dental surgery, with a part-time dental nurse, provided at Newcastle University.

Mr. Holding is President-elect of the Students Representative Council.

AUCHMUTY LIBRARY. It is quite unfair to close the Library on Friday nights and Saturday mornings, Mr. Holding says. A petition opposing reductions in Library hours had been ignored by the SRC, but Mr. Holding plans to distribute the petition again to convince the University that the Library should open on Friday nights and Saturday mornings for use by students, in particular part-time students.

OVERSEAS STUDENTS. Mr. Holding will be working with overseas students to try to counter the undesirable effects of the recent introduction of University fees for overseas students.

New Book

"A systematic account of the past, present and future of lightweight architecture" is how the prospectus describes Tensile Architecture, From the Tent to the Bubble Dome, by member of staff, Mr. Phillip Drew.

The 224-page book is a richly illustrated, well-researched survey of the origins, continuing development and potentialities of light-weight structures in architecture.


Senior Lecturer in Architecture, Mr. Drew says the volume will be of interest to geographers, ethnologists and anthropologists, as well as architects and engineers, since it surveys the development of light, portable tent structures among nomad peoples of the northern hemisphere. Six hundred copies have been sold by Crosby Lockwood Staples.

A point Mr. Drew forcefully makes is that he is grateful to the staff of Interlibrary Loans in the Library, from 1974 to 1976, many of whom are no longer at the desk, for their enthusiastic assistance in tracing obscure references and Mr. Frank Zabriskie, former Head of the Department of Metallurgy, who took the photographs for the plates.

Athletics

With the Winter Cross Country season coming to a close recently, University Athletics Club members are turning their eyes to the summer track and field season. The Club will be participating in the Central Coast Inter-Club series of meetings and good results are likely for the Club. This series of Friday-night meetings begin on October 12. All meetings are held at Newcastle Athletics Field and feature almost all track and field events. Facilities are excellent and competition is keen in all grades. High hopes are held for new members Keith Reeves (a former University Athletics Club Blue winner) and Albert Neymeyer.

PROFESSOR

A American expert in business law will spend two months attached to the staff of the Department of Legal Studies next year.

He is Professor Thomas W. Dunfee who is Chairman of the Department of Legal Studies, Wharton School of Business, University of Pennsylvania in Philadelphia, and editor-in-chief of the American Business Law.

Professor K.E. Lindgren, Head of the Department of Legal Studies, said Professor Dunfee's visit would be made possible as the result of a grant made to the University by the law firm, Turnbull & Hill, to which his department was indebted for its generosity.

"Professor Dunfee will spend most of his time with us engaged in research and writing. He will also take part in seminars for students and staff and will visit other universities and legal institutions. He will probably arrive in Newcastle in June," Professor Lindgren said.

Mr. Holding says have been ignored, he asserts, although they represent 45% of student numbers. Part-time students were "sold out" when the move for Newcastle to come from the Australian Union of Students was discussed at a lunch time meeting. They were not given an opportunity to vote. Mr. Holding intends to establish contact with part-time students after 5 pm.

Mr. Holding has been a participant in student affairs for the last two years since moving to Newcastle from Melbourne. He is Secretary of the University Labor Club and serves the Union as a member of the Board of Management and Chairperson of the Catering Committee.

Mr. Mark Mordue an Arts II student, was re-elected Services Officer for the SRC. Anne Phelan was elected Services Officer and Peter Turner was elected Environment Officer.

No candidates were nominated for other positions on the SRC (the 28th). In consequence, nominations for election as Honorary Secretary, Honorary Treasurer, Local AUS Secretary, Race Relations, Social Action and Women's Officers and Local OSS Director will be called a second time in the near future.
Rebate Plan

Edwards Hall’s policy should be modified to assist students to improve upon their chronic financial position. Modifications are needed in relation to the ownership of profits, interest from investments, apportionment of costs and time for the payment of fees.

This is the view of student member of the Council of the University, Mr. Michael Zammit, who has made proposals with the Trustees of Edwards Hall and on the methods by which the Hall’s finances are controlled.

Mr. Zammit, who initially submitted his recommendations to the Board of Trustees of Edwards Hall on September 12, strongly supports:

- Apportioning certain costs in accordance with the principles of equalization to lower expenditure on members’ operations.
- Introducing a Finance Committee to determine the rebate and examine alternative budgeting to minimize the effect of fee increases.
- Payment of fees on a monthly, rather than a term, basis.
- Reviewing all proposed capital expenditures, seeing that Edwards Hall’s growth rate is expected to be low.

On the reasons why he wrote the report, Mr. Zammit said the following pressures were operating upon students at present:

- A static and limited government financial assistance scheme.
- Poor part-time employment opportunities.
- Rising living costs, and
- Harsh cash flow problems at the beginning of every academic term.

“Acknowledging the above pressures, it then becomes desirable to take all possible measures to reduce or at least hold back, residential fees to the lowest possible level” he said.

The Hall was authorized to retain profits and apply them, with approval from the Board of Trustees, to carry out alterations, providing amenities and doing other things.

“I would venture to comment that the marginal utility of an added amenity is much less than that of a modest fee structure”, Mr. Zammit said.

An equalization fund has been established for the replacement of furniture, furnishings and equipment and the interest in 1978 amounted to $20,000.

“The time had come for such interest to be used, at least in part, for fee subsidization”, Mr. Zammit said.

Many residential students faced extreme hardship paying fees in lump sums within two weeks of the start of every academic term. Such hardship could effectively be overcome by introducing a method of monthly payments.

He said that although the Trustees of Edwards Hall had listened patiently they had rejected his recommendation that equalization be utilized to apportion costs. “The Hall’s administration’s resistance is tantamount to an unwillingness to insulate the residential students from very obvious financial pressures. Such unwillingness is, to say the least, highly inappropriate in a University Hall of residence and should not, and indeed cannot, be allowed to continue”, Mr. Zammit said he would arrange for copies of the submission to be sent to fellow Council members so that the proposal might be implemented.

Flexitime

A special student concession scheme, called a “student rush”, has been introduced for the Hunter Valley Theatre Company production of Flexitime at the Civic Playhouse.

The comedy by Roger Hall, which opened on September 21, has aroused considerable interest in the extension of the season until the end of October is being considered.

The “student rush” provides students with seats for Flexitime for $2 each, except at the performances on Friday and Saturday nights. Those who avail themselves of the concession should turn up at the Playhouse at curtain time after other patrons have obtained their tickets.

Flexitime starts at 8.15pm nightly from Tuesday to Saturday and at matinees on Saturday and Sunday at 4.30 pm.

Links with Station

“Farcical” is how Mr. S. Date, a member of the Council elected by students, describes a suggestion by the Minister for Transport (Mr. Cox) that students use the 102 bus route as the second stage of a connection to Waratah Station on Sundays.

In response to a letter from Mr. Cox, Mr. Date said it would be intolerable for students to have to transfer on buses between routes 100 and 102 to travel to Waratah Station. Any two-port connection would involve students in extra time and expense, and he knew about failures of the 100 bus to run from Jesmond on time.

Mr. Cox agreed with Mr. Date that there is no direct bus service between the University and Waratah Station. However, the route 102 (Newcastle to Lambton, via Mayfield West and Waratah Station) bus service operated between Waratah Station and the corner of Maud and Lorna Streets, Waratah, where it was possible for students travelling by train to effect a transfer from the route 100 bus service operating to and from the University, thus enabling connection with the train service to be made with the train service.

Referring to Mr. Date’s proposal that double-deck buses be used at peak times, he pointed out that for several years the Commission’s fleet at Newcastle has consisted entirely of single-deck buses. The Commission had no plans to reintroduce double-deck buses into the Newcastle area.

“I have stated previously that the service on route 100 is maintained at a level consistent with its usage and the Public Transport Commission has again assured me that this is still so,” the Minister added.

“Mr. Cox is obviously not fully aware of the multi-purpose intention of route 100, which has Jesmond for its destination, with services for Newcastle University, the College of Advanced Education and Newcastle Technical College at Jesmond are incidental,” Mr. Date commented. In addition, this bus, at times, carries substantial traffic from the city to the shopping centre at Jesmond.

P.S.A.

There will be a general meeting of the University of Newcastle Sub-Division of the Public Service Association in Lecture Theatre 100 at 10am on October 12 to discuss the University’s response to the Sub-Division’s request that security in the Canteen areas be improved. Members will be asked to elect a Returning Officer for the Sub-Division at the meeting.

B.J. KELLEHER,
Secretary of the Sub-Division.
Successful Year

The University's Credit Union had been able to reduce the interest rate on loans and increase the interest rate on savings, the Chairman, Mr H.E. Edmonds, reported to the Credit Union's annual meeting on September 25.

The interest rate on loans had been reduced from 1.333% to 1.250% per month reducible and the interest rate on savings had been increased from 6.5% to 7% per year.

Membership continued to climb and is now 474. (In addition to providing for members of staff of the University, the Credit Union admits to membership staff of Newcastle College of Advanced Education and the University Union.)

Mr Edmonds stated that the improved interest rates had become feasible because of the Credit Union's successful year.

"Since the Credit Union was established eight years ago loans totalling £63,466, "he said. "Cash savings for the last year was £66,889." Mr Edmonds attributed the Credit Union's continued success to the untiring efforts of the Directors and honorary staff, ably supported by the efficient office management of paid member, W. J. Idc, Mr R. Weir and Mr P. Wotttiez were re-elected to the Board of Directors and new nominees, Mr R. Swetnam and Mr D. Doherty, were elected to the Board.

Mr Edmonds said the Credit Union was grateful for the contribution made by Mrs M. Davy, a Director who resigned during the year, and Messrs R. Dear and J. Armstrong, who did not seek re-election.

The Chairman also referred to the noteworthy contributions made to the Supervisory Committee - Messrs L. McLardy and M. Gennette.

The AGM re-appointed Forsythe and Company auditors for the Credit Union and Rankin and Nathan solicitors.

The present Board of Directors: Mr. Edmonds (Chairman), G. Searles (Vice-Chairman), T. J. Askle, D. Doherty, P. Wotttiez, J. Ide, A. Weir, B. K. Marsden and R. Swetnam.

Those members of staff who wish to avail themselves of the Credit Union's services should get in touch with Mrs Arendts, Extension 472.

Breakthrough

A major breakthrough in photogrammetry has been made with an instrument which has been developed by the Department of Civil Engineering and a Systems Engineer from Sydney.

Photogrammetry, a scientific measurement technique, uses dimensions of photographic images to determine the size and shapes of objects.

The instrument, called a stereodigitiser, is the brainchild of Mr M. Elfick, Lecturer in Civil Engineering, who has been responsible for the basic concept and design. Mr M. Fletcher, of Sydney, designed and built the electronic components, while Dr J. Fryer, Senior Lecturer in Civil Engineering, helped with photogrammetric software and some optics design.

They recently presented a paper, "Stereo-digitiser - a new computer peripheral", to the 1979 DECUS symposium in Christchurch.

The stereodigitiser allows an observer to look at two photographs of an object taken from different angles and presents a three dimensional image. From the image, measurements of the object can be made with the use of a microcomputer.

Mr Elfick said: "Existing machinery costs between $250,000 and $600,000 and weighs between 1 and 2 tonnes. Our instrument can be manufactured for less than $20,000 and will fit into a suitcase."

TUNRA has supported the development of the instrument and taken out provisional patents on the design. Negotiations are in progress with manufacturers to produce the machine on a commercial basis.

The versatility of the stereodigitiser is such that it allows scientists who previously could not afford expensive photogrammetric plotters to use stereo-photography as a measurement procedure.

The instrument could be used by scientists with little or no photogrammetric expertise and would be of particular value to geographers, geologists, engineers, and surveyors.

Information Night

A very successful Information Night was held in the Great Hall on Wednesday evening, September 19 when a large number of mature age people came to find out about courses available at the University and to clarify whether they were qualified for admission.

The University already achieves a wide distribution of application materials to school leavers, virtually putting a booklet and application form in the hands of every higher school certificate candidate in New South Wales. Contacting other prospective students, however, is a more difficult task. The Information Night was held to meet this problem.

The response to publicity and news items about the session was higher than expected and more than 150 people came to find out about the University and its courses.

Admission staff and Faculty Secretaries provided information and advice, while Deans and other academic staff talked about courses and their content. There was a considerable interest in postgraduate courses and, also, the Open Foundation course.

In view of the high interest in the Information Night it is planned to hold another session later in the year.
ADVERTISEMENTS

ACCOMMODATION IN CHRISTCHURCH
Self-contained flats, each containing six single bedrooms, will be available for letting at the University of Canterbury, Christchurch, New Zealand from mid-November. Each unit contains modern kitchen, dining room, lounge, beds, pillows and mattresses; also washing machine, electric dryer, slot telephone etc. RATES: Per night NZ$25 per person. Per week NZ$170 per person. Rent for complete flats to families. Per night NZ$125. Per week NZ$300. Reservations, including a minimum deposit of NZ$20 are essential and should be addressed to: The Manager, Ilam Flats, University of Canterbury, Christchurch, New Zealand.

SUPERMARKET
A representative of the New South Wales State Superannuation Board will be in Newcastle on Wednesday, October 26. He will address a meeting of interested members at the Cardiff Worker's Club starting at 4.15pm. Ample time will be allowed for questions and discussions.

PRAN CHOPRA
Secretary, Staff Association

TO LET
FURNISHED FLAT - Lounge and one bedroom, opposite Merewether Beach for two months, December to January. $45 per week. Please telephone extension 516 or 21 842.

POSITION WANTED - TYPING
Experienced typist with IBM electric typewriter is willing to type theses, articles, reports etc. for staff or students. Please telephone: Mrs. C. Hills - 43 0217.

ACCOMMODATION IN MEDOWIE
30 minutes from University. Three Bedrooms, Lounge, Dining, three car garage under. Quiet pollution free area available from November 24 to January 24, 1981. $60 per week. Please contact B. Hill extension 635 or telephone 82 8381.

FOR SALE
1974 MARINA SEDAN cheap reliable second car, mechanically sound. NO rust. £1,500 or nearest offer. Please contact B. Hill extension 635 or telephone 82 8381.

SINGER MEMOMATIC 321 KNITTING MACHINE £120. Please telephone 51 2850.

SWIMMING POOL, above ground type 12' diameter by 3' deep. One year old liner. $100. Please telephone after hours 43 6672 or extension 494 during office hours.

1967 RAMBLER REBEL clean car 9 months registration $600 full price. Please telephone extension 675.

BIKE two year old, 10 speed, blue, good as new. Please telephone extension 675.

BEACH BUGGY $400 or nearest offer. Mechanically Al, good motor, 18" wheels. Please telephone: 43 2952.

WANTED
Almost $5,885 will swap for December 1977 Toyota Corona CS wagon - only one owner - only original paintwork - only Endrust rustproofing - only the best extras. Must be seen to be believed. Must be bought to pay for our tickets to the States. Please hop on the telephone and dial 33 3190 and rustle your lettuce.

DIARY OF EVENTS

SATURDAY, OCTOBER 6
9.30 pm - 12 midnight
Women's Dance - Garden Suburbs Community Hall. 50's style - BYO. Admission: 80c.

WEDNESDAY, OCTOBER 10
9.15 am - 11 am
Seminar - Minimum weight design of hollow bars with pretensioned binding and torsional stiffness. Guest Speaker R.O. Forbes, Organised through the Department of Mechanical Engineering. Room E401.

1 pm
Concert - Graham Lawlors, Courtyard.

FRIDAY, OCTOBER 12
11 am - 5 pm
Seminar - High strain bi-axial fatigue. Guest speaker R.J. Salier, organised through the Department of Mechanical Engineering. Room E401.

WEDNESDAY, OCTOBER 17
3.15 pm
Seminar - A numerical analysis of the factors influencing laminar burning. Speaker John E. Brown, Organised through the Department of Mechanical Engineering. Room E401.

MONDAY, OCTOBER 22
9.30 pm
Film - UPTOWN SATURDAY NIGHT, Union.

ESAY, OCTOBER 24
7.30 pm
ECONOMICS OF HIGHER EDUCATION - B.J. Hill (Vice-Chancellor, Sydney University).

FRIYAY, OCTOBER 26
2 pm
Popular Theatre Troupe - Court yard.

WEDNESDAY, OCTOBER 31
10.15 am
Film:うま紙 1974.

Appointments
Miss J.E. Borkett, Mothercraft Nurse with the Child Care Centre.

Dr. L.A. Chahal, Lecturer, Department of Medicine.

Mr. R.A. Johnson, Post Doctoral Research Fellow, Department of Chemistry.

Mrs. J.M. Kuehn, Stenographer, Secretary's Division.

Mr. J.E. Zink, Clerk, Accounting Department.

Resignations
Miss V.M. Heliox, Office Assistant Typist, Auchmuty Library.

Resignations
Miss V.M. Heliox, Office Assistant Typist, Auchmuty Library.

POSITION VACANT - COMPUTER PROGRAMMER (TEMPORARY)

The appointee will be employed in a variety of educational applications of computing.

The appointee should have at least one year's experience in BASIC and FORTRAN programming.

Employment is available full-time for the remainder of 1979. Payment will be up to $294.16 per week.

Further information may be obtained from Professor S.R. Leeder (telephone extension 433).

Please quote: POSITION NO. 884/79.

GENERAL INFORMATION

Applications, addressed to the Personnel Department, should include full information regarding age, qualifications, experience and previous employment, state of health and any other relevant information. Applicants should also state the names and addresses of three referees from whom further information could be obtained or supply copies of recent references.

Printed in the Secretary's Division, the University of Newcastle for The Editor, The Secretary, The University of Newcastle. 808/79.