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UNIVERSITY OF CANTERBURY

LIBRARY

13 JUN 1978

Chronicle

Special Grant For Library

The University Council has adopted a recommendation from the Professorial Board that a special non-recurrent grant of \$50,000 be made to the Library for the purchase of books.

The proposal originated from the Committee on Academic Priorities, which also recommended that the University's financial strategy this year and next be to concentrate on back-up support for the academic staff rather than an expansion of the total staff establishment.

The committee, which consists of the Vice-Chancellor, the Pro-Rector and the Deans of Faculties, suggested that the urgent additional staffing needs of particular departments be met, if possible, by a reallocation of staffing establishments between departments. Both the Professorial Board and the Council have approved these recommendations.

Professor Brownlie told last week's meeting of the Professorial Board that the Committee on Academic Priorities had made much progress in the preparation of quinquennial submissions. Faculties and Board committees had been involved in a considerable amount of work in preparing submissions and in resolving difficult priority questions. The Priorities Committee hoped to report to the Professorial Board at its June meeting.



The University's experimental electric car stands with its inventors, Dr Richard Harman (Mechanical Engineering) and Mr David Byers (Electrical Engineering) and Mr Malcolm Gordon, an Electrical Engineering technician, at the Sign of the Kiwi after successfully negotiating the one in seven climb.

The Sunday jaunt was made in reply to a statement by the Minister of Energy (Mr Gair) that the car, which has recently been demonstrated in Wellington and Auckland, still suffered problems with acceleration and hill climbing.

Mr Byers said the car readily negotiated the climb, though a halt was made just below the Takaha for refreshment at the home of the Dean of Engineering (Professor A. G. Williamson). The refreshment, he emphasised, was for the occupants, not the vehicle.

As for acceleration, the car could reach 50 km/h from stop in less than 15 seconds, he said.

The car is at present in Dunedin, where the Electricity Department is investigating its potential for use in tail race tunnels and other areas where exhaust fumes are a problem.

Lecturers On Professorial Board

The recent election for the lecturers' representatives on the Professorial Board has resulted in the nomination of the following:

Dr J. D. Bradshaw, Dr J. E. Fergusson, Mr R. G. A. Gidlow, Dr B. L. Rhoades, Mr N. S. Roberts and Mr P. J. Tremewan.

Their nomination for appointment to the Professorial Board for a period of two years

from 1 July 1978 will go to the University Council.

The other representatives of the lecturers on the Professorial Board are:

Dr R. P. Bond, Dr M. C. Crawley, Dr L. Trainor, Mr F. G. Tay, Dr W. C. Clark, Mrs E. M. Gordon, Mr A. J. Bowen and Dr I. A. Snook.

The Provost of the University of Chicago (Dr John T. Wilson) has a ready response to those who talk about "cost-effectiveness" in higher learning. He cites the case of a Chicago professor who used to drive some hundred miles between the university and the Yerkes Bay Observatory week after week to meet a class of two students. When the Nobel Prize in Physics was awarded in 1957, it went to his whole class, Messrs Lee and Yang.

Letters

Seasonal

The Editor,
Sir,
You may be interested to learn that about 5.30 p.m. on the Tuesday after Trinity I saw a Little Owl (*Athene noctua*) perched on the south-east corner of the English and Education building, and heard its melancholy cry (described by Falla, Gibson and Turbott in their *Field Guide* as a "pee-ou or paw-ut"); I myself have never found this method of describing birdcalls very satisfactory). The bird is said to be quite common on the east coast of this island, but I have seen it alive in Christchurch only three times before (although I have also found two dead specimens, probably killed by motor-cars or by flying into power-lines). I make no remarks about wisdom, or about the significance of the owl as a bird of ill-omen; but it is comforting to know that the bird timed this appearance, at least, to coincide well with the weather;

"When blood is nipt and ways be fowle
Then nightly sings the staring owl."

Yours etc.
D.J. Round,
Law Department.

University Drive

The Editor,
Sir,
What next? I judder to think!

D. Watson,
Electrical Engineering Department.

Safety Course

A further course for staff has been arranged by the Safety Committee and will begin next Thursday at 10 a.m.

The series of lectures by a St John's Association instructor will be held each Thursday from 10 a.m. to noon in the Upper Common Room, Students' Union on 15, 22 and 29 June, 13, 20 and 27 July and 3 August.

There is still room for a few more candidates. Names should be left with Mr David Johns (Registry 832) as soon as possible.

A misprint in the last issue of the *Chronicle* extended by a century the medical career of Dr "James" Barry, the first woman graduate of Edinburgh University. She practised from 1812 to 1859 rather than 1959.

How To Save Heat And Power

If you draw the curtains across the windows of your room before you leave the University at night, you can reduce heat loss from the windows by 30 per cent.

This is one of the findings made by a member of the University's Energy Conservation Committee, Dr. J. B. Stott, who has been investigating heat losses from open outside doors and uncurtained windows at night.

His other major finding is that one open door on a cold morning was losing 45 kw in warm air, moving out of the buildings.

The findings underline the appeals by the committee to close doors and curtain windows, especially during the winter term, when coal consumption is at its peak. The committee also appeals to all staff and students to switch off lights at the end of lectures.

Changes In Professorial Board Committees

Five major committees of the Professorial Board have been restructured into three new committees as a result of a review of the structure, membership and functions of the Board's committees.

The Professorial Board, meeting last week, agreed to disband the Standing Committee, the Research and Leave Committee, the Committee for the Review of Student Records, the Educational Policy Committee and the Committee on Academic Priorities from the end of June.

They will be replaced by three new committees: Academic Administration, Academic Policy and Academic Staffing.

A special committee established in February to review the board's committees, also recommended the abolition of the Extension Studies Committee and Orientation Committee. Its suggestion that the Council Student Liaison Committee assume

For Sale By Tender

The Department of Mechanical Engineering has a Bedford vehicle it wishes to offer to tender. There is no bodywork or cab apart from the windscreen, and although approximately 20 years old, is virtually in new condition, having run only 1200 miles. It would be ideal for building into a carabus (caracar!) or similar.

The vehicle can be inspected in the Department of Mechanical Engineering and Mr Stewart, Mr Retallick or Mr Tinker should be contacted during working hours.

Tenders close with the Head of Department, Mechanical Engineering, on Monday, 19 June 1978. The envelope should be marked "TENDER FOR BEDFORD".

responsibility for Orientation arrangements was adopted along with a suggestion that the Extension Studies Department submit its annual programme directly to the Board and that academic matters relating to extension studies be the responsibility of the new Academic Policy Committee.

More Rescue Teams Trained

Putting aside pen, paper and pulpit, 14 staff members devoted four days in May to scaling dizzy heights during a training course in light rescue techniques held by the Christchurch Civil Defence Training Section at Queen Elizabeth II Park.

Critic Howard McNaughton forsook Shakespeare for first aid, political pundit Keith Jackson pulled on ropes via pulleys instead of political strings. Others who attended and graduated were Ian Beveridge (Psychology), Graham Bull and Jack Kay (Zoology), Phil Butler (Physics), Pam Collings and Gail Pattie (Library), John Froud (Bindery), Bob Gordon (Chemical Engineering), Griff Griffiths (James Hight), David Hean and Andy Robb (Registry) and Anton Robinson (Civil Engineering).

These members now join one of the twelve light rescue teams on the campus and give a welcome boost to the Safety Committee's programme of preparation for disaster.

Further training courses will be held during the year. Those interested are invited to contact Mr David Johns (Registry 832).

Supernova Observed

A Long Time Ago In A Distant Galaxy . . .

The spectacular death of a star millions of years ago in a distant galaxy has just been observed from the Mount John University Observatory at Tekapo.

The chance observation by a research student, Mr G. Gilmore, is the first time a disintegrating star, or supernova, has been observed from New Zealand. The observation has been confirmed by the Smithsonian Observatory, Harvard, and the Siding Spring Observatory, Australia, both of which have cabled their congratulations to Mr Gilmore.

The supernova has been designated SN 1978 1327-21.5, the latter figures giving its position. Because it is near the equator it can also be observed by astronomers in parts of the northern hemisphere and its subsequent behaviour will be followed by both optical and radio telescopes to determine whether it will develop into a pulsar, or powerful radio source, or whether it will leave a black hole in its place.

A supernova is the most spectacular phenomenon in the universe on a time scale sufficiently short for human understanding. It is a hot giant star which becomes unstable and flings most of its mass into space in an enormous explosion a hundred million times as bright as the sun. The brilliance lasts for only a few days before it fades and the supernova develops into a new form.

The explosion of SN 1978 was so far away that it has taken about 750 million light years for the light to reach the earth.

Mr Gilmore discovered the supernova by chance. He is undertaking research for a Ph.D. degree on the optical properties of quasars and was using a 61 centimetre reflector telescope at Mount John early last month. He noted the supernova on a plate he developed from his observations on May 8 and confirmed the observation on the following night. By the time he had sent the information to other major observatories

the moon was too bright to enable the distant supernova to be seen, but subsequent observations have confirmed the sighting.

The supernova is believed to be one of the most distant ever discovered. It is about 100,000 times fainter than could be seen by the naked eye and was captured on the photographic plate only because of a device on the telescope which intensifies light sources in the sky.

The plate shows a spiral galaxy with an exploding nucleus, an immense nuclear

furnace giving off X-rays, gamma rays, radio waves and neutrinos.

The most spectacular supernova in our own galaxy was observed from China in the year 1054. In the last 900 years it has expanded into the Crab Nebula, a pulsar expanding through space at 1300 kilometres a second.

The Mount John Observatory has also been advised that a periodic comet, Comet Clark, discovered by an observer, Mr Michael Clark, three years ago has been rediscovered by a Japanese astronomer.

50 Ways To Avoid Change

The 50 Ways of Avoiding Change listed below, are taken from a programme for staff development in universities at the University of London Institute of Education and published in *The Changing University* (1977).

A checklist for saving time and ingenuity:

- 1 We have already tried it.
- 2 The department of x has already tried it.
- 3 We have never tried anything like that before.
- 4 I know of no department that has ever tried that.
- 5 We haven't the money.
- 6 We haven't the time.
- 7 We haven't suitable staff.
- 8 We would want to do it but the students could be upset by it.
- 9 I would like to but the Vice-Chancellor (Dean, Professor, technicians, secretaries, tea lady) would never stand for it.
- 10 That is no doubt suitable in industry but universities aren't like that.
- 11 That's an American idea isn't it?
- 12 I can see it would be better in the long run but I have got too much on my plate at present to contemplate any change.
- 13 We've got a better idea.
- 14 But our University doesn't work like that.
- 15 I'd just never get it through.
- 16 Not if it means another committee.
- 17 We have turned down similar ideas before.
- 18 It's immoral.
- 19 It's too altruistic.
- 20 It's all right in theory but . . .
- 21 It's not intellectually respectable.
- 22 Who are you to suggest ideas?
- 23 I'm wanted on the other line.
- 24 Yes we should talk about it, I have my diary here, how about next July?
- 25 That infringes academic freedom.
- 26 They all have tenure: how else could we employ them?
- 27 Yes, when we get into our new building.
- 28 Well the chair is vacant at present, perhaps when that has been filled.
- 29 You don't understand our set-up.
- 30 I haven't had a chance to read your suggestions properly but it seems to me . . .
- 31 . . . but it's the first year of the quinquennium.
- 32 . . . but it's the last year of the quinquennium.
- 33 Above all I must cover the syllabus.
- 34 We are a community of scholars, we don't have a policy as such.
- 35 Well now let's see, I'm not sure which committee that should go through.
- 36 I must say your premises fascinate me.
- 37 But didn't I read a paper by Eysenck (Ashby, Carter, Halsey) in which he argues . . .
- 38 You should read our report on . . .
- 39 Ho! ho! I must say you're optimistic.
- 40 I'm sure you're right but I'm retiring next year.
- 41 Look, the whole thing's going to be different in five years' time anyway.
- 42 Well you know it's largely a matter of swings and roundabouts.
- 43 We are waiting on the report of the Oakes (James, NUS, Fulton) Committee.
- 44 We hope to make an appointment of someone who could look after this kind of thing in 1981.
- 45 It's your jargon I can't stand.
- 46 You are what they call an ergonome chappie aren't you?
- 47 I can think of many ways in which the finance could be spent to more advantage.
- 48 It would be unfortunate if the notion gained currency that formal instruction was necessary in order to become a university teacher.
- 49 A *fortiori* these proposals have no place in the universities.
- 50 The proposal did not raise sufficient support within the university.

People

Professor B. R. Penfold (Chemistry) has been appointed a member of a three-man commission of inquiry to consider and report on various aspects of the chiropractic profession in New Zealand to the Minister of Health.

Mrs Peggy Koopman-Boyden (Psychology and Sociology) has been appointed a member of the New Zealand Planning Council. She remains a member of the Social Development Council and the Committee on Women.

Mr D. C. Thorns (Psychology & Sociology) will attend the 9th World Congress of Sociology in Sweden and carry out research in London between 3 August and 1 September.

Mr K. R. Daniels (Psychology & Sociology) will attend the International Congress of Schools of Social Work, the International Conference on Social Welfare and a Symposium of the International Federation of Social Workers in Israel, 9-29 August.

Dr J. T. Henderson (Political Science) will present a paper at the First Annual Scientific Meeting of the International Society of Political Psychology in New York and carry out research in the U.S.A. from 25 August to 5 September.

Mrs D. Neutze (English) will present a paper at the Australasian Victorian Studies Conference in Brisbane, 14-25 August.

Dr K. Desikachary (Physics) will present a paper at the International Astronomical Union regional meeting in astronomy in Wellington and will also attend the International Astronomical Union Colloquium No. 46 in Hamilton, 27 November-8 December.

Dr G. D. Jones (Physics) will present a paper at the Eleventh Australian Spectroscopy Conference in Brisbane and make visits in Australia from 16 August to 2 September.

Dr W. T. Robinson (Chemistry) will present papers at the International Summer School on Crystallographic Computing in the Netherlands and the Eleventh International Congress of Crystallography in Warsaw and make visits in the United Kingdom and the U.S.A. over the period 20 July to 31 August.

Mr D. F. Sell (Music) will present papers at the XIIIth Congress of the International Society for Music Education in Canada and make visits in the U.S.A. over the period 11 August to 8 September.

Dr A. F. Barabasz (Psychology & Sociology) will present a paper at the International Congress of Hypnosis and Psychosomatic Medicine in Melbourne from 19-24 August.

Dr H. A. von Biel (Physics) will present a paper at the International Symposium on Radiowaves and the Ionosphere in Helsinki and make visits in Europe and North America from 25 July to 13 August.

Mr T. J. Taylor (Fine Arts) will present a paper at the International Sculpture Conference in Toronto and make visits in Canada and the U.S.A. from 29 May to 17 June.

Dr M. B. Jones (Zoology) will present a paper at the 13th European Marine Biological Symposium on the Isle of Man from 22 September to 13 October.

Dr L. R. McCaughan (Physical Education) will present a paper at the Sixth Commonwealth Conference on Sport, Physical Education and Recreation in Edmonton, in August.

Dr R. W. G. Syme (Physics) will present a paper at the Eleventh Australian Spectroscopy Conference in Brisbane, from 23 August to 2 September.

Dr J. B. Hearnshaw (Physics) will present papers at the International Astronomical Union Colloquium No. 46 in Hamilton and International Astronomical Union regional meeting in astronomy in Wellington, 27 November to 8 December.

Dr B. W. Pritchard (Music) will present a paper at the Australasian Victorian Studies Association Conference in Brisbane, 17-21 August.

Mr J. N. Mane (Fine Arts) will attend the Australasian Victorian Studies Association Conference in Brisbane, 17-29 August.

Dr W. B. Earl (Chemical Engineering) and Dr E. E. Graham (Chemical Engineering) will present papers at the Conference on Alcohol Fuels in Sydney and make visits in Australia in mid-August.

Dr G. W. Wright (Chemistry) and Dr P. W. Harland (Chemistry) will present papers at the 5th Conference of the Australian and New Zealand Society for Mass Spectrometry in Brisbane, 28 August - 1 September.

Professor K. K. Ruthven (English), Mr A. K. Lojkin (Russian), Miss C. Hankin (English), Dr L. Zuluf-Wittmann (German),

Mr P. F. S. Falkenberg (German), Dr K. Kuiper (English), Dr D. R. Midgley (German) and Dr G. Zanker (Classics) will attend the 19th AULLA Congress in Brisbane at the end of August.

The following staff members have been granted leave to attend the 49th A.N.Z.A.A.S. Congress in Auckland: Professor G. A. Knox (Zoology), Dr J. Warham (Zoology), Dr H. H. Taylor (Zoology), Professor B. R. Penfold (Chemistry), Dr J. R. Fergusson (Chemistry), Dr N. R. Bennett (History), Dr C. G. Freeman (Chemistry), Dr M. A. H. Peters (History), Dr K. E. Richards (Chemistry), Dr P. W. Harland (Chemistry), Dr M. B. Jones (Zoology), Dr I. D. Marsden (Zoology).

Dr Richard Cotter, Associate Dean for Graduate Studies, University of Nevada, Reno, and holder of the Northern Nevada Chair in Banking, was a recent visitor in the Accountancy Department. During his visit he gave a seminar on "Financial Management Models and their Application in Teaching."

Mr L. M. N. Edward (Electrical Engineering) has been appointed a University representative on the Riccarton High School Board of Governors.

English Countryside Changes

Dr B. A. Fineran (Botany) found on study leave that the English countryside had changed in appearance as a result of the death of so many trees. The main casualties were elms because of the Dutch elm disease, but beeches, sycamores and many other species were dying at an unusually high rate. Many of the beeches and sycamores were dying because the previous years' exceptional drought had lowered their resistance to disease.

In Oxfordshire alone the death toll for diseased trees had passed three million and this excluded saplings. So far about 750,000 adult elms had died since the Dutch elm disease struck, and 300,000 of these were killed in the last year. In many areas, complete hedgerows had disappeared and where the dead trees had not been felled their naked limbs gave a perpetual winter aspect to the landscape.

"The number of trees lost is so massive that what replanting is being done makes no impression on the overall loss," he said. "In many instances farmers are uncertain as to what to replant and have therefore done nothing."

New Zealand Bridges

Hopkins Lectures Inaugurated

An appeal to New Zealanders to recognise beauty in the works of man as much as in the face of nature was made by Professor H. J. Hopkins when he gave the inaugural Hopkins Lecture in the University last week on New Zealand bridges.

Professor Hopkins said he had given other memorial lectures. On each occasion he had begun with a tribute to the life and work of the person commemorated. "I deem it neither wise nor seemly to do so on this occasion, but I would like to commend the wisdom of those who took the opportunity of my retirement to inaugurate an annual lecture 'to encourage discussion of engineering matters within the profession and to promote public understanding of engineering issues.' I hope I am only human in being deeply gratified to have my name associated with it," he said.

"The longer one lives the more likely are one's hobby horses to be well known. It will come as no great surprise to most of you that I was given a choice of subject and have chosen bridges, I find them fascinating, and not merely the fascination of one's own technology," he said. "Bridges are built by men for men." (And I am not going to emasculate that statement for tonight's audience—every person will know what I mean). Man has many needs—sociological, economic, recreational—he needs freedom from fear of danger, freedom to move about. He needs to be inspired by the accomplishment of difficult ennobling tasks, and he needs to find and to recognise beauty in the works of man quite as much as in the face of Nature. Not all bridges satisfy all these needs, but it is rare indeed to find one that satisfies none."

New Zealand, Professor Hopkins said, was a land of rivers and to meet man's needs it had become a land of bridges. His lecture spanned the history of many of the bridges, of which the stories of the Waihenga and Arundel bridges were typical.

"The opening of a bridge confers such a benefit upon a pioneer community that it is generally an occasion for rejoicing, sometimes exceeding the bounds of temperance," Professor Hopkins said. "A correspondent reports from the Wairarapa: 'When the long Waihenga bridge was built over the Ruamahanga River near Martinborough in 1875, it was a major event worthy of attendance by many of political and government importance in Wellington and Wairarapa who, after the ceremony, adjourned to the nearby Waihenga Ferry Hotel, and after everybody

connected even remotely with the bridge had been toasted, it was too late for many of the guests to leave for home, and it was said that many didn't even know where home was, let alone get there. The fact that there were many more guests than there were beds in the little hotel didn't worry the publican a bit, he put them in 2 or 3 to a bed, just as they were.

"When the boot cleaner did his rounds in the night, not finding any boots outside the doors, and loyal to the hotel's boast of service, he went in and cleaned all the boots sticking out of the bed ends and still on the owners' feet. I can remember my father telling me that he woke up in the morning between two Cabinet Ministers."

"Even today the opening of a new bridge is an occasion for a community gathering. The original bridge across the Rangitata at Arundel had an interesting history (although the locals would have preferred it be shorter). It was commenced in July 1870 to the design of Thomas Paterson, Railway Engineer for Otago Province, who had been drowned the previous December in the Kakanui river when he was bringing the plans for Rangitata bridge to Dunedin for approval. Much of the supervisory work was carried out by William Newsham Blair who ultimately became Engineer-in-chief of the

Public Works Department. The original bridge was 1100 feet long of wrought iron trusses on iron cylinders. But about 1878 the river washed out the northern approach. 800 feet of timber trusses were added, which served until 1906 when a scrub fire set alight to this extension. The proprietress of the Arundel Hotel organised a bucket brigade until a fire tender arrived from Geraldine several hours later. Despite that gallant efforts of the locals until well into the night, about 300 feet of the northern portion were totally destroyed, a lot more was badly charred and twisted. Timber truss replacements have lasted until 1978, although the condition of these trusses and of the timber deck have given a rough ride over it and necessitated the imposition of weight restrictions. It has now been replaced by a prestressed concrete bridge which was officially opened in March of this year. Only one Cabinet Minister was present (they no longer sleep in pairs) but there were two M.P.s and the chairman of two county councils. A local big wig, Sir John Acland, cut the ribbon in the presence of several hundred locals.

"The original wrought iron girders are still in good condition and will shortly be taken over to the West Coast to span the Taramakau south of Greymouth."

Professor Kerr's Work "A Shattering Experience"

The most shattering experience over the last half-century for an American theoretical astrophysicist was the solution by Professor R. P. Kerr (Mathematics Department) of Einstein's equations of general relativity.

Delivering the Nora and Edward Ryerson lecture at the University of Chicago on *Shakespeare, Newton and Beethoven, or Patterns of Creativity*, Professor Subrahmanyan Chandresakhar said: "In my entire scientific life, extending over 45 years, the most shattering experience has been the realisation that an exact solution of Einstein's equations of general relativity, discovered by the New Zealand mathematician, Roy Kerr, provides the absolutely exact representation of untold numbers of massive black holes that populate the universe.

"This 'shuddering before the beautiful', this incredible fact that a discovery motivated by a search after the beautiful in mathematics should find its exact replica in Nature, persuades me to say that beauty is that to which the human mind responds at its deepest and most profound. Indeed, everything I have tried to say in this connection has been stated more succinctly in the Latin mottoes: *Simplex sigillum veri*—the simple is the seal of the true; and *Pulchritudo splendor veritatis*—beauty is the splendour of truth."

Professor Chandresakhar is the Morton D Hull Distinguished Service Professor in the Departments of Astronomy and Astrophysics, Physics, the Enrico Fermi Institute and the Committee on the Conceptual Foundations of Science at the University of Chicago.

Students Assessed

Chaplain Sees Apathy And Conservatism

The passivity of the present student generation is as evident at Canterbury as elsewhere, according to the chaplain, the Rev. P. S. Williams, in his annual report to the University Chaplaincy Committee.

"It appears in an apathy towards most aspects of university life, considerable conservatism on the occasions when that apathy is ruffled, and generally a retreat into private concerns," Mr Williams said. "It results in an absence of willing leadership and with that, a further decline in the kind of social activity that can involve those who do not find it easy to form relationships. Some of the Christian groups on campus stand out because they alone to do have strong leadership.

"The escape inward is apparent in campus Christianity as well as in other areas. An observer of the American university scene remarked recently 'In little more than a student generation, many young Christians have moved from searching together for answer to life problems in the context of national, ecumenical, student movements, to trusting only themselves and their most intimate peers to generate such answers'. The demise of more broadly-based Christian groups has been accompanied by the appearance of cults and fundamentalist groups. So far we have been spared the rash of these that has broken out quite violently in North Island Universities. There are a few small groups here which are attempting to swim against this tide but their way is a hard one. In a recent American publication concerned with campus ministry I found the following hopeful note. I hope that it is not just vain hopefulness and that like most American moods and movements among the young, will eventually affect us.

"The Sixties are over, and so are the early Seventies, with their passive and inward-looking generation. Now we are in touch with a new student generation, a little older on the average, worried about the looming prospect of unemployment or unrewarding jobs, full of questions about the church but still interested, eager to seize upon opportunities for service and involvement but careful about overcommitment. The old dichotomy between evangelistic faith and concern for social involvement is no longer relevant for the students we meet. These students are increasingly faithful and concerned; interested in prayer life, in seeing justice done in Namibia, Korea, and here at home, and in healing the historic breaches

that have separated the members of Christ's one body.'

Mr Williams said leadership of the Christian Union continued to be of a very high quality indeed, and he regretted that

How Departmental Government Works At Adelaide

In 1973 the University of Adelaide introduced Departmental chairman and committees in place of heads of departments. Dr R. N. Hughes (Psychology) was an interested observer of the system during his study leave at Adelaide.

He said chairmen were elected by departmental academic staff for terms of one to three years (depending on individual departmental wishes). All professorial and non-professorial staff were eligible for election. Departmental Committees comprised all permanent academic staff.

Last year the chairman of the Psychology Department (Dr A. H. Winefield) co-authored a paper published in *Vesta* which reported extensive surveys of Adelaide University academic staff opinion concerning departmental government. An overwhelming majority preferred the system to the old H.O.D. procedure, including a large number of staff who were originally opposed to its introduction.

"As I saw it, the main advantage of departmental government lay in the feeling of involvement in the running of one's department," Dr Hughes said. "Each staff member is aware of and may participate in policy decisions and all aspects of the teaching, technical and financial administration of the department, both through the Departmental Committee and several sub-committees.

"Disadvantages relate to the inevitable delays which are often the accompaniments of democracy," he said. "In addition the lack of a traditional H.O.D. of professorial status (to whom one is 'responsible for one's duties') makes it difficult to deal with any individual staff member who, for some reason or other, refuses to accept or act on a committee decision. Without indulging in the unpleasant procedure of appealing to some higher extra-departmental authority, it can be very difficult for a committee of peers to enforce conformity in such cases.

"I gained the impression that the situation, which I understand informally operates in many departments in this university, might be preferable to total

some could not be siphoned off into other areas of student activity. C.U.'s membership was probably more broadly based than ever before and apparently this had caused tensions in some branches.

departmental government, namely, a Head of Department advised by an appropriate committee (or committees)," he said.

Procedures For Personal Chairs

The University Council has reaffirmed the existing procedure for appointments to personal chairs in the University. It is:

Senior lecturers or readers may be eligible for nomination to a personal chair.

On receiving a nomination or application or on his own initiative the Vice-Chancellor shall, if he decides that there is a *prime facie* case for further inquiry, inform the Executive Committee which will decide whether or not to appoint an ad hoc committee to make a decision on the proposed promotion.

An ad hoc committee to consider appointment to a personal chair shall consist of the Executive Committee of Council together with not fewer than two and not more than four professors. No professor belonging to the same department as the nominee shall be included among the professorial members.

Should an ad hoc committee be summoned, the nominee's head of department shall be invited to submit a statement and to suggest not more than three referees; the Vice-Chancellor may also seek references on his own initiative; and, where the nominee has applied for a personal chair, he shall be invited to name not more than three referees.

An ad hoc committee shall have power to recommend to Council the offer of a personal chair, the final decision remaining in Council's power. If an offer is made, it shall be conditional upon acceptance of a vacant 'established' chair in the department upon invitation by Council.

Accommodation

To Let

Ownership flat in Block of two Lincoln, available 1 September 1978 to 30 August 1979. Fully furnished and carpeted, with 3 bedrooms, separate diningroom, separate shower, open fire and panel heaters, refrigerator, TV, auto. washing machine, garage. Small section not suitable 'play-age' child. Phone John or Joan Rodgers, Lincoln College, Ext. 676 or 677, or 293-840 (pte).

Nine-months-old two bedroom ownership flat only few minutes from University available to mid-December/January 1979. Furnished, has shub, refrigerator, 2 freezers, TV, stereo, auto. washing machine, drier. Small section with garden and lawn care optional. Phone Margaret Kersley, 41-479.

Fully furnished 2 bedroom house Bentley Street, available mid-July for 6 months. Sunroom, lounge with open fire, fridge, freezer, auto. washing machine, carpeted throughout, garage. 32p. section with lawn care required. Rent by negotiation. Contact Forster, 427-054.

Unfurnished or partly furnished 3 bedroom house Tintern Avenue, close to Teachers' College and University. Available August 1978 to November/December 1979. Rental \$50 p.w. Please phone 41-257.

Fully furnished 3 bedroom house Belfast available 18 June until mid-September or longer. Separate diningroom, separate shower, central heating, fridge, freezer, TV, semi-auto. washing machine, garage. Quarter acre section with garden and lawn care negotiable. Phone Belfast 8778.

Fully furnished 3 bedroom house with separate diningroom, separate shower, central heating and open fire, TV, auto. washing machine, double garage, on 25p. section Deepdale Street, available mid-July to July 1979. Easily maintained garden and small lawn area. Rental \$60 p.w. Phone 585-606.

Close to University, fully furnished 3 double bedroom home with oil-ducted central heating, separate diningroom, separate shower, TV if required, washing machine. Available immediately on monthly basis or will sell. Careful tenants only with no pre-school children; can be let partly furnished so rent negotiable. Phone Dr Hewland 517-074 or 385-059 (bus.).

Carruthers Street, fully furnished 4 bedroom house, with large lounge/dining area, heaters throughout, shower over bath, fridge, freezer, TV, auto. washing machine and tumble drier, double garage. 34p. section with garden and lawn care required. Available 23 August to mid-January, 1980. Rental \$80 p.w. or by negotiation. Phone 585-873.

Furnished or unfurnished, 4 bedroom (plus study) house on Dyers Pass Road, Cashmere with separate diningroom, open fire, gas and panel heaters, separate shower, fridge, freezer, auto. washing machine. 34p. with easily maintained garden (motor mower available) swimming pool, garage and carport. Available 1 August to January 1979. Phone 35-645.

Top floor of large furnished house Cashmere for 3-monthly term from 1 August to beginning of November (flexible). Complete with all appliances including refrigerator, freezer, auto. washing machine, TV, separate shower. Ample heaters including space heater. Two double bedrooms and study with, if required, additional divan bed. No garden care. Single carport. Phone F. R. Allison, Ext. 630 or 327-181 (private).

Comfortable and well maintained furnished home of exceptional charm and character 5 minute walk from University. 2 livingrooms, 2 bedrooms, auto. washer, freezer, and garage. Available from mid-August to mid-February 1979. Ring 41-838 after 3 p.m. or 792-260 (Ext. 8813).

From August 1 to 31 January 1979, 2 bedroom, fully furnished house Creyke Road. Fully automated laundry. TV. Under-floor heating. Cat to be cared for and some, but not much, garden care required. Rent by negotiation. Not suitable children. Contact Rosemary Novitz, Dept. of Sociology, Ext. 8594 or 519-397 evenings.

Modern 4 bedroom furnished home, Cashmere Hills, for 10 months from late October 1978. Caravan, sailing dinghy available. Rent by negotiation. Phone 328-027.

Available from 27 June to 17 September 1978, fully furnished 2 (double) bedroom house, with separate diningroom, separate shower, open fire, heaters, fridge, TV, washing machine, garage. 36p section with no garden or lawn care required. Aorangi Road. Rent by negotiation. Phone 515-946.

Overseas Rent

Self-catering accommodation for professional and academic visitors to Britain available in small comfortable flats in Old Hampstead, close to the Heath. Flats vary slightly in size and layout but all have minimum of two rooms plus own kitchen and bathroom. Tenancies from one to six months (max.). Further details available from Supervisor of Accommodation, Ext. 853.

Accommodation Required

American Professor of Psychiatry with wife and 3 children requires accommodation for 6 weeks, (10 July to 22 August) whilst on

brief study leave. Please contact Department of Psychological Medicine, Christchurch Clinical School, Phone 792-900 (Ext. 409). Visiting Professor, male, single, requires fully furnished accommodation—preferably a flat or small house—close to the Ilam campus, for period 16 June to end August 1978. Good rate payable for right conditions. Please contact Keith Ovenden, Ext. 8879 or Christchurch 559-815 evenings.

British lecturer in Geography with wife and two children (4 yrs and 1 yr) requires accommodation, preferably 2 bedroom house or flat, from beginning July to mid-December, if possible close to Ilam campus. Please contact Burn Hockey, Ext. 8970.

Music Prize

Applications for the 1978 award of the Philip Neill memorial prize in music should be submitted to the Registrar, University of Otago by 1 July 1978. The competition is open to all past and present students of the universities in New Zealand.

The prize is awarded annually for excellence in original composition and is of the value of \$75.00. The subject of the prize for 1978 is: A song or series of songs for voice and one string or woodwind instrument and piano. The duration of the work shall be at least ten minutes but not more than fifteen minutes.

Further particulars may be obtained from the Registrar, University of Otago, P. O. Box 56, Dunedin.

B.Ed. Degree

The proposed structure of the B.Ed. degree and its administrative structure have been approved in principle by the Professorial Board, which has requested the joint working party on the degree from the University and the Christchurch Teachers' College to prepare B.Ed. regulations for referral to the faculties.

No Duke Awards

Advice has been received from the Center for Commonwealth Studies at Duke University to the effect that Duke University Fellowships will no longer be offered.

The Fellowships were formerly available in the following disciplines: Anthropology, Economics, History, Political Science and Sociology.

Notices

Publications: A Reminder

Fluctuations in Mitotic Index in the Short Apex of *Conicera nitida* may not appear to have much in common with New Zealand's debt-servicing capacity, the double helix, water colours of Italy, the structure of matter or Darcy Cresswell's letters.

But books on these topics, together with 17 others of similar disparity, form a special display in the Library which does have a common theme: all are University of Canterbury publications.

The display serves to remind members of staff that the University has modest resources for publishing material submitted by or through staff members. As a further indication of the diversity of subject matter handled, the two most recent publications, numbers 22 and 23, have been *The Double Helix Revisited* by G. A. Rodley and D. C. Reaney, and *Muslims and Mongols: Selected Essays* by J. J. Saunders on *Medieval Asia* edited by G. W. Rice. These and earlier titles are available at the University Bookshop or at Whitcoulls.

The annual publications grant is administered by the Publications Committee of the Professorial Board. The committee would welcome inquiries from staff about possible publications of book or monograph size. The Committee will not normally accept theses in their original form, but is willing to consider manuscripts based on theses.

Enquiries could be addressed either formally through the secretary, Mr A. C. Wildbore, (Registry), or informally through

the chairman, Professor B. R. Penfold, or the editor, Mr A. N. Brooks.

Participation In Telethon

At 8 p.m. on Saturday 1 July South Pacific Television will begin transmission of its fourth Telethon to raise funds for the Arthritis and Rheumatism Foundation.

Staff who wish to organise a collective effort to raise money are advised that approval has been obtained from the Inland Revenue Department for donations by individuals, private and public companies to qualify for tax rebates and deductions up to the limits imposed by taxation legislation.

TV2 would like to know beforehand of any effort so it can arrange for donors of significant contributions to appear in the programme, or to receive special mention.

Course Offers Invited For Liberal Studies Next Year

The Board of Liberal Studies hopes soon to decide its programme for 1979 and would be interested to hear of offers to participate from any member of any department.

There are several types of contributions that might be made. One is a full year's course requiring one hour per week of instruction specially devised for these students. Such a course could be conducted throughout by one teacher, or in sections by groups of teachers. Another valuable offer would be inter-disciplinary and include two or more contributions to a common theme made by members of different departments. Or again, there is the possibility that one segment of a department's syllabus would be made accessible to students in Liberal Studies who would attend regular lectures and/or tutorials in the company of other undergraduates. The common requirements in every course are:

that little specialist prior training in the subject should be called for

that the level should be about Stage 1, or attainable by a mature person who has not already had University training in the subject

that the course should require attendance once a week throughout the academic year, plus, in appropriate cases, attendance at regularly-offered departmental tutorials

that the students' performance during the year should be reliably assessed by means other than an end-of-year formal three-hour examination.

The Board of Liberal Studies invites any member of the University teaching staff to make an offer of personal participation or to suggest courses which might be offered by others. The chairman (Professor M. P. Hartshorn) will be pleased to receive any offers or any enquiries, informally or in writing, by 30 June. These will then be passed on to the Board of Liberal Studies for consideration during the planning of next year's programme.

U.S. Travel Grants

The New Zealand-United States Educational Foundation invites applications for 16 travel grants from New Zealand citizens who intend to begin study in the United States during the 1979-80 academic year and who undertake to return to New Zealand.

Grants will be allocated as follows: (a) Twelve to students now holding a University degree and planning a post-graduate course at an American university. Age limit of 35. (b) Four to research scholars or visiting lecturers. These are for persons of considerable standing in their field who have been, or may expect to be invited to teach or undertake advanced research at an American university for at least a semester.

Selection will be based primarily on academic excellence and personal suitability. The Foundation is particularly interested in fostering expertise among New Zealand scholars

Studies and Environmental Studies. Providing sufficient worthy candidates apply, it is the Foundation's intention to award six of the travel grants in these areas. The remaining grants will be awarded in the areas of the applicants' choice.

The Foundation will pay return air fares from the grantee's home town to the town in which the university of his choice is located. As this may be the only competition for those planning to begin studies in the United States in the 1979-80 academic year, candidates applying for travel grants are urged to apply now without waiting to obtain the evidence of dollar support and affiliation to an institution of higher learning which will ultimately be required before an award can be made. The Foundation's experience is that New Zealand graduate students with a first-class academic record can apply for scholarships with very good prospects of success. Those provisionally chosen by the Screening Committee will be advised how to apply for scholarship aid, if necessary. Students may remain in the United States for five years, subject to their obtaining satisfactory dollar support and continuing to do good work. At the conclusion of the grant all students are expected to return to New Zealand.

Forms are obtainable from the New Zealand-United States Educational Foundation, P.O. Box 3466, Wellington, with whom applications close on July 31, 1978. Applicants requesting forms should indicate whether they are graduate students or research scholars/visiting lecturers.

The Foundation is also offering grants to teachers and technicians and details of these awards may be obtained from the Foundation.