

# Chronicle

## Vice-Chancellors Fear New Study Grant Scheme Will Not Work

The Vice-Chancellors' Committee considers the new study grant scheme for tertiary education to be unworkable and has asked to be relieved of responsibility for administering it.

At its July meeting the Committee received "with concern" an outline of the new scheme announced recently by the Minister of Education (Mr Wellington). There were a number of aspects which the Committee believed should be reconsidered because those responsible for developing it did not appear to be fully aware of the repercussions for university students and the institutions themselves.

It is considered that if the objectives of the scheme had been known earlier and the universities fully consulted then some of the worst pitfalls in the scheme might have been avoided. One of the fundamental difficulties in evaluating various policy options was that it was not clear to what extent policy was inspired by the need to save money and to what extent it was supposed to be an improvement on the existing system. If the main intention was to save money then the scheme would make it much more difficult financially for students forced to live away from home, the Committee said.

The present provision for students who are required to live away from home is \$30 a week. Under the new scheme in 1980 these students will be entitled to a basic grant of only \$23, a drop of \$7 a week at a time when the costs of study and accommodation are increasing rapidly and the possibilities of vacation employment to supplement allowances are more restricted. The Committee acknowledged that students who live in a university centre that offers the course which they wish to study are in a slightly improved position—up from a basic rate of \$19 to \$23 a week—but this position had probably been achieved at the expense of students who would have been entitled to the unabated rate of \$30 a week under the existing scheme.

Whether the new scheme will be inequitable to out-of-town students will

depend upon the way in which the hardship provisions are administered, the Committee said. The new scheme provides for a supplementary hardship grant of \$17 a week so that together with the basic grant of \$23 some students would be in receipt of \$40 a week.

It is from the uncertainty inherent in the administration of the hardship allowance that much of the criticism of the Tertiary Grants Scheme flows. There is uncertainty for existing and new students about the scale of assistance available in 1980; there is uncertainty about the effect the scheme will have on enrolments and the willingness of Auckland students to move to less-crowded universities; there is uncertainty about the effect the scheme will have on halls of residence, which cannot survive unless most places are filled, and there is uncertainty about how much extra administrative work will be generated and whether the administrative resources can be made available to cope with an increased workload.

The Vice-Chancellors' Committee wrote to Mr Wellington outlining these difficulties and suggesting a transitional arrangement so that students at present on unabated rates will know what their financial position will be by November 1979. As it is proposed at the moment, the Committee considered the scheme unworkable and asked to be relieved of responsibility for administering it.

## Maths Conference

Approval has been given by the Vice-Chancellors' Committee for an inter-university conference on Mathematics to be held in May 1980 at the University of Auckland. The conference will follow a mathematics colloquium. Professor D. Vere-Jones (Victoria University) has been appointed organising professor for the conference.

The Minister of Social Welfare (Mr Gair) has appointed Mr K. R. Daniels, (University of Canterbury) and reappointed Professor J. R. McCreary to the New Zealand Social Work Training Council.

## Explanation By Minister On Hardship Grant

The Minister of Education (Mr Wellington) has emphasised that the supplementary hardship grant will be available to students in receipt of a tertiary study grant who would be unable to study full-time without additional financial assistance.

Under the new tertiary assistance grants scheme full-time students with a gross personal annual income of \$2,000 or less, exclusive of vacation earnings, will receive a grant in aid of \$23 a week. The purpose of the study grant, Mr Wellington says, is to enable students who would not otherwise be able to do so to undertake full-time tertiary study.

"Although the grant may be supplemented by savings from vacation earnings and from other sources, there are many students who would be unable to study full-time without additional financial assistance. Students in this position may apply for a supplementary hardship grant of up to \$17 a week for single students and \$55 a week for students with dependents. In exceptional circumstances consideration can be given to granting assistance beyond this level.

"Applications for the special hardship grants will be assessed on a case by case basis and grants awarded according to the needs and resources of students. For students under 20, the ability of their parents to assist them will also be taken into account," Mr Wellington said.

Students are expected to:

Work in the long vacation and supplement their grant with savings from vacation earnings.

Maintain a modest level of personal expenditures.

Use public transport where possible, rather than private motor vehicles.

# Study Grant

## Means Test Not Involved, Says Minister *(from previous page)*

Circumstances which will be taken into account when applications are assessed by the Department of Education include:

For students under 20, family circumstances which preclude support for the student.

Independent status of all married students and students over 20 years of age. The need for students to leave their home town because the course is not available locally and the right of these students to attend the institution of their choice.

For Auckland students enrolling for the first time at a university, to relieve pressures on student numbers at the University of Auckland, enrolment at a university other than Auckland. Board or flatting expenses.

The needs of dependants. Course expenses, where no direct remuneration is available, e.g., field trips, special equipment, costly texts, etc.

Health related expenses, e.g., spectacles, orthodontic treatment. Travel costs for visits home during the vacation.

Daily travel costs. Resources which will be taken into account are:

For students under 20, their parents' ability to provide assistance based on the parents' income and commitments.

Personal income from all sources. Savings from vacation earnings. Tax rebate.

Spouse's income. Other savings taking into account the student's age, their commitments and the length of their courses.

Mr Wellington said the scheme does not involve a means test but has been established to provide a flexible framework within which the Government assistance that is available can be directed equitably to those students who need supplementary assistance.

He said the following highly simplified cases would give some indication of the factors to be taken into account and the possible level of the grant which could be awarded. They should not be seen as setting any general pattern as changed circumstances or additional factors could alter the assessments.

Student A is the eldest of a family of four whose parents live in a small country town and so he must leave home to study.

The family income is less than \$180 a week. 'A' hopes to live in a hostel charging \$38 a week. 'A' is a school leaver and was able to work for only a few weeks making savings of only \$200 and has no other savings. Level of grant: basic \$23, hardship \$12-17.

'B' aged 21 is a third year B.Sc. student. 'B' has no parental help and no personal income. He found vacation employment near home, did not pay board and so was able to make savings from vacation earnings of \$800. He lives in a student flat, the weekly expenses for which are \$28. 'B' has a heavy course and so has no part-time job. Level of grant: \$30-34; basic \$23, hardship \$7-11.

'C' a secretarial student is a solo parent with an income of over \$3,000 and therefore does not receive a basic grant automatically. Creche fees amount to \$15 a week and course related expenses (fees, books, etc.) are \$100. Travel to the technical institute costs \$2-50 weekly. Level of grant: basic \$0, hardship \$20-22.

'D' is married with a dependent spouse and three children. The family income from all sources (excluding vacation earnings and family benefit) is \$1,200 so 'D' receives the basic grant of \$23 automatically. 'D's' spouse receives a few dollars from a savings bank investment but has no other income. 'D' has a part-time job bringing in \$10 a week. Their weekly expenses, including mortgage repayments of \$38 a week are \$300. Clothes, health and personal expenses for the family are estimated at \$500 for the year and course related expenses are \$300. Level of grant: basic \$23, hardship \$55.

'E' is an 18 year old B.A. student who lives at home. The family income is over \$160 a week and 'E' is an only child. Weekly travel expenses are \$5 and the cost

of fees, textbooks, etc. is \$250. 'E' saved \$200 from vacation earnings and has no other savings and no part-time employment. Level of grant: basic \$23, hardship \$0.

'F' and 'G' are 22 years old, 4th year medical students who went to the United States during the long vacation to attend a short course relevant but not essential to their studies. They spent all their accumulated savings on the trip and made no savings from vacation employment. Level of grant awarded: basic \$23, hardship \$0.

Mr Wellington said the Student Community Service Programme provided long vacation employment for students who have left secondary school at the end of the school year and intend to enrol at a tertiary institution at the start of the following year and to full-time tertiary students who propose to continue their full-time studies. Students receive award wages while employed on approved community projects. The programme is administered by the Department of Labour. Students who have difficulty in finding vacation employment should register with that department for employment under the programme.

He said prospective students who are anxious about the level of assistance they are likely to receive may write to the Tertiary Grants Section, Department of Education, Private Bag, Wellington, at any time after September for preliminary advice. Forms for the purpose are available on request. Provided these requests are received in adequate time, an assessment will be available by the end of November.

As the vacation earnings are an important element in student budgets, no firm applications can be received until mid-January and decisions will be made as soon as possible after enrolment has been confirmed.

# Academic Visitors

The Vice-Chancellors' Committee has prepared the following list of visiting overseas academics during the latter part of the year.

**Accounting/Business**  
Dr B. Barry, Director of Research, Ashridge Management College; organisation development, industrial relations; Auckland 3 September - 1 October.

**Professor M. D. Beckman, Faculty of Administrative Studies, University of Manitoba;** consumer Marketing and market research; Massey for 6 months in 1979.

**Professor C. Dutton, Professor of Marketing, Northeastern University Boston;** marketing; Otago, May-August.

**Professor P. G. Forrester, Pro-Vice-Chancellor and Director of School and Professor of Industrial Management, Cranfield School of Management, England;** management education and organisation behaviour; Otago, early February - April 1980.

**Dr A. Land, Reader, London School of Economics;** mathematical programming; Auckland, 1 September - 5 October.

**Dr F. Land, Senior Lecturer, London School of Economics;** analysis design of information systems; Auckland, 1 September - 8 October.

**Professor E. L. Schaffer, School of Business Administration, Pacific Lutheran University;** accounting; Massey, May - September.

**Professor G. Schweiger, Professor of Marketing, Commerce University of Vienna;** marketing advertising; Otago, December 1979 or February 1980.

**Dr C. J. Vail, Associate Professor of Economics, Colorado State University;** socio-economics; Auckland, May 1979 - April 1980.

**Anthropology**  
Dr Ruth Houghton, University of Nevada; regional development and applied anthropology; Otago, August 1979 - August 1980.

**Biochemistry**  
Dr P. K. Stumpf, Department of Biochemistry; University of California, Davis; Biochemistry of lipids in plants; Lincoln College, 2 October.

**Botany**  
Dr Donald R. Kaplan, Professor of Botany, University of California, Berkeley; comparative and developmental morphology of vascular plants, plant embryology and cytology; Victoria, September 1979 - June 1980.

**Professor J. L. Mantelth, Professor of Environmental Physics, University of Nottingham (C/Waltham Prestige Fellow);**

environmental physics, micrometeorology and crop science; Otago 24 September - 4 October.

**Dr Shirley C. Tucker, Professor of Botany, Louisiana State University; Baton Rouge, La.** flowering plant anatomy and morphology taxonomy and distribution of lichens; Victoria, September 1979 - January 1980.

**Chemistry**  
Dr L. Daady, senior lecturer in organic chemistry, La Trobe University; organic chemistry; Massey, June - December.

**Professor K. Emerson, Professor of Chemistry, Montana State University;** co-ordination chemistry and structural aspects of co-ordination compounds; Canterbury, visiting lecturer 1979.

**Professor R. B. Jordan, Professor of Chemistry, University of Alberta;** inorganic and co-ordination chemistry; Auckland, June 1979 to August 1980.

**Professor H. F. Koch, Professor & Chairman of Department of Chemistry, Ithaca College, N.Y.;** physical-organic chemistry; Auckland, October 1979 - March 1980.

**Professor E. Vogel, Director, Institute for Organic Chemistry, University of Cologne;** non-benzenoid aromatic compounds; In N.Z. for 2 weeks March 1980.

**Professor K. Yamamoto, Professor of Organic Chemistry, Osaka Women's University;** carbohydrate chemistry; Victoria, September.

**Classics**  
Mr G. H. R. Horsley, Tutor in History, Macquarie University, Greek history; Auckland, 1 February 1979 - 31 January 1980.

**Computer Science**  
Mr J. Edwards, Director, Computer Centre, La Trobe University; computer performance; Canterbury Computer Centre, late August.

**Dr Kristin Rekdal, Director of Research, Computing Centre, University of Trondheim;** programming languages; Canterbury Computer Centre, October.

**Mr C. Wyld, Director, Computing Centre, University of Tasmania;** development of computer facilities; Canterbury Computer Centre, August.

**Economics**  
Dr A. J. Culyer, Reader, Department of Economics & Related Studies, University of York; public finance, social economics, health; Otago, William Evans Visiting Professor, July - September.

**Dr D. G. Mayes, Lecturer in Economics & Social Statistics, University of Exeter;**

econometrics & international trade theory; Otago, Donald Reid Visiting Lecturer, 10 July - 13 September.

**Professor Lou Optt, Professor of Social Medicine, Monash University,** health economics, audit, manpower planning; Otago, August 11-18.

**Dr Jean Packman, Exeter University;** child needs, adoption, social policy; Otago, November 19 - December 1.

**Professor P. C. B. Phillips, University of Birmingham;** econometrics; Auckland, 9 July - 31 October.

**Education**  
Dr Ray McAleese, Lecturer in Education, University of Aberdeen; staff development in higher education, teaching training, educational technology; Otago, 24 July - 11 August.

**Dr T. D. Oakland, Professor of Education, University of Texas;** education and developmental psychology; Auckland to 21 August.

**Engineering**  
Professor R. L. Sedore, Professor Mechanical Engineering, San Diego State University; noise and vibration measurements; Auckland to 31 January 1980.

**Associate Professor T. E. Croley II, University of Iowa;** hydrology and water resources, numerical modelling; Canterbury Civil Engineering, March - September.

**Mr L. Millar, Head of Civil Engineering, Western Australia Institute of Technology;** South Bentley, traffic engineering and transport planning; Canterbury, 1 December 1979 - mid-July 1980.

**Associate Professor G. C. Pardon, University of California, Irvine;** dynamic characteristics of bridge and building structures and finite element techniques in structural mechanics; Canterbury 1 October - 30 June 1980.

**Dr J. M. Wilson, University of Durham;** civil engineering; Auckland, 25 June - 20 December.

**English**  
Dr C. Fanning, Associate Professor Bridgewater State College, Massachusetts; immigrant literature in the U.S.A.; Canterbury English Department.

**Professor R. B. Parker, Director, Graduate English, University of Toronto;** theatre, Elizabethan studies; Casual visitor to all universities 1st term 1980. Co-ordinating: Professor D. F. McKenzie (Victoria).

**Forestry**  
Dr David R. De Walle, Associate Professor of Forestry, Institute for Research on Land and Water Resources, Pennsylvania

*(continued on next page)*

## Book Prices Up 261% In Five Years

Figures presented to the Vice-Chancellors' Committee on the prices of books and periodicals by the Librarian at the University of Otago (Mr W. J. McDowell) show a continued steep rise.

Between 1973 and 1978, book prices have risen by 261%. The average price of a book in New Zealand dollars has risen from \$4.67 to \$12.22. Indications are that the 1979 average price is now \$14.

Periodicals also are increasing steeply in price. The average annual subscription in 1978 was \$32.82, or three times what it was in 1973. Periodicals prices are expected to rise steeply during 1979.

UNIVERSITY OF OTAGO LIBRARY



# Energy Research

## Second Inspection By Mr Brill

The Parliamentary Under-Secretary of Energy (Mr Barry Brill) paid a second visit to the University last week to observe and discuss research on alternative energy sources, particularly transport fuels, in the School of Engineering.

He was interested to learn about the prospects of a hybrid electric-internal combustion engine car and was taken for a ride in the Mark I electric car by Mr Richard Harman (Mechanical Engineering), who explained that by the time the Mark II electric car is running next year the total amount spent on the project will be no more than \$20,000. By comparison the Flinders University electric car project has received grants totalling \$600,000.

Mr Brill, who last month visited the University to hear about energy research, discussed aspects of the way in which decisions on the prospects of using methanol, derived from Maui gas, as a transport fuel, a project on which Dr W. B. Earl and Dr E. E. Graham (Chemical Engineering) have been engaged for the last five years.

He saw research in the Mechanical Engineering Department on engines using methanol as a fuel and inspected a diesel engine operating on an emulsion of methanol and dieselene, a possible prospect for diesel engine fuel if methanol is chosen for internal combustion engines.

The Dean of Engineering (Professor A. G. Williamson) emphasised to Mr Brill that if all the projects were not capable of immediate exploitation, it was important to maintain a pool of experts so that the knowledge and experience gained by research could be tapped as required.

Mr Brill's two visits followed a briefing for the Minister of Energy (Mr Birch) on energy research at Canterbury.

## How To Speed Deliveries Of Parcels To Departments

If you are seeking speedy deliveries of parcels to your Department, there is a simple and effective method: ensure that the name of the Department goes on the address and it will be delivered by the firm involved. If not, the parcel will finish up in the University Warehouse, which is unable to make frequent deliveries to Departments.

The warehouse, in Kirkwood Avenue, has a truck and one driver for deliveries throughout the University. The truck delivers stationery, furniture, paper, computer requirements, parcels and cleaning materials.

The volume of work has grown over the years and there are often busy periods when delays in deliveries are unavoidable. A better service could be given by more staff but this is not envisaged.

Many Departments still order goods with the request that they be delivered to the arriving by Jet-Air. These parcels eventually find their way to the warehouse and after their destination has been located they have to take their turn with deliveries of other goods. For example, 48 parcels were delivered in this way in one week recently.

Under the present arrangement, special deliveries cannot be made for parcels arriving by Jet-Air or Express services and the advantage of these services is lost if the parcel is delayed in internal delivery.

If it is in the interests of Departments to ensure that detailed delivery information is given when goods are ordered, freight costs are calculated from door to door and advantage should be taken of this.

No guarantee can be given that deliveries from the warehouse can be made to any one Department more frequently than once a week.

## I.Y.C. Lecture

As part of the University's contribution to the International Year of the Child, a public lecture will be given on Wednesday 22 August by Professor Urie Bronfenbrenner, professor of human development, family studies and psychology at Cornell University.

The lecture "A World Childhood" will be given in Room A2 at 8.15 p.m. It has been arranged by the Departments of Education and Extension Studies.

## Erskine Visitor In Accounting

Professor Joshua Ronen, a professor in the Graduate School of Business Administration at New York University and Director of the Doctoral Programme in Accounting, has been offered an Erskine Fellowship to visit the Accountancy Department for two months next year.

Professor Ronen, whose special interests are in financial accounting and auditing theory, graduated B.A. in economics in Israel and took a Ph.D. in accounting at Hebrew Stanford. He has lectured at the Hebrew University, Tel Aviv, and at the Universities of Chicago and Toronto and the National University of Mexico. He has also been an invited lecturer at the Federal University of Rio de Janeiro.

Professor Ronen has written four books with co-authors and has published numerous papers in professional accounting journals in the United States and elsewhere.

## Conferences In Vacation

Ten conferences will bring numerous visitors to the campus during the second term vacation. Many of them will be staying in halls of residence.

The conferences are: New Zealand Federation of Parent-Teacher Associations, 16-18 August.

Forest Research Institute—"Techniques for Evaluating Planting Stock Quality", 18-24 August.

New Zealand Society of Historians, 19-21 August.

Digital Equipment Computer Users' Society, 18-25 August.

Early Childhood Care and Development, 19-24 August.

Australian and New Zealand Society for Medieval and Renaissance Studies, 21-26 August.

Secondary Schools' Boards, 22-23 August.

New Zealand Young Athletes, 24 August - 1 September.

Haywards Ltd, 25-26 August.

N.E.L.C.O.N., 28-31 August.

# University Economies

## \$100,000 Cut Proving Difficult

If the University's general expenses are to be reduced by \$100,000 this year, the bite will have to go deeper. This is the inescapable conclusion drawn after a survey into the possibility of achieving the target cut of \$100,000.

When the \$3 million cut in block grants for the Universities was announced earlier this year, the Vice-Chancellor suggested that the expected deficit in the University's budget be reduced by freezing the \$100,000 part of funds available for additional staffing in 1979, reducing the level of special grants for equipment by \$100,000, and reducing general expenses (costing about \$3 million) by \$100,000.

It was recognised that the latter cut would be difficult for two reasons:

1. Spilling costs for coal, power, telephones and mail as well as for other services, which negated savings.
- In the last three years \$250,000 has been shaved off general expenses, making further reductions more difficult.

An investigation into ways of achieving the \$100,000 reduction indicates that further significant savings can be achieved only by more drastic action which would need to be set against consequential effects on the operation of the University.

Most staff, the survey shows, continue to support reasonable schemes for economy wholeheartedly. Suggestions from staff for economies had been investigated and acted upon and any further suggestions, which would be sent to the Registrar, would be welcome.

Economies that have been made or proposed in various administrative sections are:

**Cleaning and Caretaking**  
Reduce full-time and part-time staff numbers by not filling vacancies as they occur. The present levels of staffing are 15 full-time and 163 part-time. A reduction of 16 part-time staff was cancelled out by the need to provide cleaning services in new buildings.

Accept lower standards. Some buildings are now cleaned once every two nights, and investigations are continuing into extending this scheme further. The survey showed some staff members were reluctant to accept lower standards.

Institute some measures of self-help.

**Grounds Maintenance**  
Reduce staff members (at present the staff of 25 persons is made up of 1 foreman, 12 permanent staff and 12 employed under

the Department of Labour - Temporary Employment Scheme). Two permanent staff due to retire will not be replaced.

Grounds kept in an "easy to maintain" form with extensive use of bark for ground cover and very few motorised or plot plantings. Lawns cut by torised vehicles wherever possible.

### Heating

- Reductions have been achieved by:
- Continued activity by the Energy Savings Committee.
  - 10% cut in daily heating hours.
  - No heating of buildings on Saturday mornings (apart from lecture theatres and libraries as required).
  - No heating mid-November to mid-April.
  - Changes of design of heating system (return of steam condensing to boiler-house, maintenance of steam traps and automatic controls, reduction in temperature of circulating water).

These economies have resulted in a saving that is estimated at about 900 tons of coal per annum (about \$45,000 at today's prices).

Further savings require the co-operation of all staff by keeping windows and doors shut, and by being at all times conscious of the ways in which heat loss arises, and how this can be reduced.

### Electricity

Consumption has increased by about 3% per annum. Savings can only be achieved with the active help and support of students and staff alike. All should be aware of the need to turn off unwanted lights and unused equipment and to restrict the use of heavy consumption apparatus. Electricity cost \$191,000 last year and there will be a substantial rise this year unless consumption falls.

### Building Maintenance

Buildings are now reaching an age where major maintenance needs are becoming apparent. In many cases the costs are inflated because spare parts are no longer available and new units need to be installed. In some areas services are maintained for 24 hours per day 7 days per week (vacuum pumps, fume extraction, air compressors and the like); most of these services are in the School of Engineering and the Science departments and the advancing age of the buildings and equipment providing these services is resulting in increasing remedial maintenance. Staff numbers have not increased since 1974 and it appears likely that some increase will be needed in order to maintain a minimum level of maintenance.

Repairs and renovations within buildings are carried out within available resources, and efforts are being made to carry out an internal painting programme. A reduction in the financial allocation will result in less work being done.

### Mail Services

Most economies rest with the staff. Intelligent use of mail services can result in worthwhile economies both in postage and in toll charges. The increased postal and telephone charges applying from 1 August emphasise the need for a greater awareness of how costs can be contained.

### Telephones

Heads of Departments should be involved in moving a reduction in the numbers of extensions.

The number of subscriber coin boxes could be reduced.

Toll calls and cables should be discouraged as a communication medium.

### Printing

The Printing Department is a service department and its costs are a reflection of the service demand. Cost awareness and the need for high standards of efficiency and economy have characterised the operation of the department. It is automated to reduce labour costs to a minimum and many jobs are charged out; this seems to be the most effective restraint on demand.

Paper continues to be the most expensive cost, and various suggestions are under consideration e.g. to reduce two-A4 sheets of copy to one-A4 sheet of printed master, backing up, possible use of newsprint for lecture notes and the like. Not all suggestions will be adopted as savings can be cancelled by increases in costs in other areas. (For example the use of newsprint would involve cutting paper from large sheet size and require the maintenance of two lines of stock paper).

### Stationery

The Printing Department produces a wide range of stationery items, but a large quantity of stationery (e.g. continuous paper stationery, cheques, fees forms) is purchased, as well as office requirements. Costs are increasing and the Purchasing Officer is continually seeking the most economical sources of supply. Costs in this area are a reflection on the demand for service.

### Staff Appointments

The costs of fares and reimbursement of removal costs are paid in accordance with the conditions of appointment. Perhaps the only area where further economies might be achieved is by further restrictions on the size of advertisements and in the range of publications where vacancies are advertised.

## Professor Ritchie Invited to Tokyo

Professor J. A. Ritchie (Music) has been invited to take part in a symposium marking the fiftieth anniversary of the founding of Musashino Academia Musicae in Tokyo.

Professor Ritchie, who is Deputy Vice-Chancellor, will go on leave from 29 September to 9 October to visit Japan for the seminar and he will also participate in two major musical events in Australia. He is Secretary-General of the International Society for Music Education and will attend a meeting of the ISME Board in Melbourne before going to Sydney for the International Music Congress to be held in the Sydney Opera House.

The congress, part of World Music Week in Australian State capitals, has been organised by the University of Sydney, ISME and the International Society for Contemporary Music. The two-day congress has as its theme "Music in the 1980s—The New Horizons" and will explore the opening out of music since 1946 to include the whole of the European tradition, the new resource of electronic music and the performing knowledge of the world's music, including popular music as well as European and non-European music as self-contained and cross-fertilising traditions.

The Tokyo seminar will explore the demands of the continuously changing musical scene and expanding repertoire with invited speakers from Austria, Italy, Germany and the United States as well as New Zealand.

## B.Ed. Board

The lecturers have nominated Mr Colin McGee as their second representative on the Joint Board of Studies in Education. The composition of the Joint Board is now as follows:

University members: Vice-Chancellor (ex officio), Head of Department of Education, Mr J. M. Jennings (Vice-Chancellor's nominee), Professor T. E. Carter, Professor W. C. Clark, Professor D. Davy, Dr R. G. A. R. MacLagan and Mr C. M. McGeorge.

Teachers' College members: Principal (ex officio), Mr D. B. Wilkie, Mr I. D. Stewart, Mr R. H. Murray, Mr B. A. Vincent, Mr A. D. McRobie, Mr C. A. Wright and Mr D. H. Campbell, nominated by Academic Board. One student representative is to be appointed by the University Students' Association. The Teachers College Students' Association representative is Miss C. F. McGoldrick.



Professor Peter Tyson, a visiting climatologist from the University of Witswatersrand, prepares to track a weather balloon from the roof of the Geography Department as part of his study of the Christchurch easterly wind. About to release the balloon is Dr Andy Sturman (Geography) who is collaborating with Professor Tyson on this research.

## Nigel Roberts For Antarctica

Mr Nigel Roberts (Political Science) has been appointed Information Officer at Scott Base, Antarctica, for four months from mid-October by the Antarctic division of the D.S.I.R. Though he has leave of absence, he will undertake some University duties on the ice—marking examination papers from his students.

Mr Roberts says the position of information officer-photographer will provide an excellent opportunity for him to make a closer study of the Antarctic Treaty, which will be 20 years old in December.

## New Geology Lecturer

The Abbotsford disaster and its implications give more than usual interest to the appointment of Mr J. R. Pettinga as a lecturer in the Geology Department.

Mr Pettinga is a Ph.D. student in the Geology Department at the University of Auckland, whose research has involved a detailed stratigraphic and structural analysis of a geologically complex coastal area of southern Hawkes Bay, the aim of which is to relate lithology and geologic structure to types of slope failure. He has published two papers dealing with slope failure and is contributing a similar topic to a book, edited by Professor Jane Sooms and M. J. Selby, on New Zealand landslides.

Mr Pettinga, a teaching fellow at Auckland, will join other members of the Geology Department in teaching engineering geological principles and in field studies and research on slope stability. Considerable work has been undertaken by the department as a result of the difficulties of building on steep and often toes-covered (and easily eroded) slopes in the South Island, especially those affected by landslides after heavy rain. Similar studies on the stability of railway lines, especially the Picton line are continuing.

# Accommodation

### To Let

Fully furnished house December to June 1980, Avonhead. Four bedrooms (3 double); separate dining room; separate study; open fire and electric heaters. Linen available. Garden and lawn care required for 27 perch section; single garage. Rent by negotiation. Ring 588-239.

Fully furnished house Papanui available early November to early July 1980. Linen if required. One double and 1 single bedroom; also sleep-out studio. Separate dining room; open fire; electric heaters. Fifty perch section, easy to maintain; garden and lawn care. Double garage. Rent by negotiation. Ring Ext. 572 or 529-814.

Rent free in lieu of board for 17-year-old high school boy. Furnished house, Ilam. One double, 2 single bedrooms; dining room; 2 open fires; heating in all rooms. Single garage; no garden or lawn care. Available from 20 August to 20 October. Ring 585-263.

Available July, for one year. House in large section, Avonhead. Three bedrooms. Fully furnished. Open fire and electric heating. Rent \$60.00 per week. Ring 588-386 evenings.

Three-bedroom furn. executive house, Avonhead, \$50 p.w. possession 1 October - 15 January 1980. Phone Flatting Office 487069, Ext. 70.

Available 10 December, 1979 - 14 January, 1980 or thereafter as negotiated, in Riccarton, fully furn. house including linen; 3 bedrooms (2 double); separate dining room, open fire lounge, storage heater in hall, electric fires in every room except kitchen. Double garage. Lawn mowing and a little trimming required for 1/4 acre section. Rent by negotiation. Ring 498-799.

Furn. house south-east Christchurch, linen optional; 4 bedrooms (1 double); dining room; open fire; electric heaters. Garden and lawn care required for 1/4 acre section; double garage. Adjacent to park with heated swimming pool, school, on bus route. Hire of grand piano optional. Available from 7 December until March 1981. Rent \$50.00 p.w. week. Ring 799-055 (home) or 39-166 Ext. 847 (business).

Renovated cottage Riccarton; unfurnished; 2 bedrooms (1 double); 2 open fireplaces. Garden and lawn care required for 14 perch section. Garage. Rent \$45.00 p.w. week. Available from approximately 19 August for short or long term. Ring 556-297.

### Accommodation Required

Responsible senior students, currently living in house of lecturer on study leave, require 3-4 bedroom house from end of August. References available. Phone 429-402.

Newly-arrived professor, wife and one daughter want house to rent for up to one year, preferably Burnside High School area. Phone Professor King (English Dept) or 486-883.

Newly-arrived Danish family of three seeks furnished 3-4 bedroom house for approx. 12 months, preferably (but not necessarily) near University. Phone 849-998.

Rolls-Royce representative, married with one child (11) wishes to rent furnished 3-4 bedroom house in north-west Christchurch for 1 year from January 1980. Local references. Rent guaranteed. Phone Dr G. V. Orange (History) Ext. 8533 or 598-402.

To rent from January - July, 1980 two bedroom house or flat, preferably close to University. Apply Professor L. Miller, 19 Larundel Road, City Beach, West Auckland, 6015.

Visiting professor from University of California, married with 2 children aged 9 and 12 requires fully furnished 2/3 bedroom house or flat, preferably close to University from 1 October - 30 June, 1980. Ring Professor R. Park, Department of Civil Engineering, Ext. 317.

To rent near University; 1 bedroom, self-contained small flat/ette or flat; fully furnished, rent approximately \$35.00 per week, until end November. Ring Miss Adams 516-815.

To rent—Three bedroom or equivalent unfurnished home (or four bedroom furnished) urgently required for single, mature career woman. Long term lease preferred, Avonhead, Riccarton, Merivale through to St Albans. Considerable care of garden and house guaranteed. Ring 790-570 (Bus. 9 a.m. to 3 p.m.).

To rent for scientific laboratory visitor from Los Angeles. Two or 3 bedroom house for six months from February. Ring Professor Bates Ext. 336.

Graduate students want to rent house for one year from November 1979. Preferably close to University; ring Linda Ball, Chemistry Department or 482-378.

Two or three bedroom house, preferably near University. Ring Professor R. M. Evans, Department of Zoology.

### Dworeans

Housing available in London. Comfortable private home. Two or 3 bedrooms situated in Woking, Surrey. Within 1/2 hour train journey of London. Available from November, 1979 for up to 1 year. Rent by negotiation. Ring Professor Dent, Ext. 854, Lincoln College.

## Lincoln College Study Awards

The Lincoln College Foundation, established to mark the College's centenary, will make travel and study awards to applicants or nominees to undertake specific projects which will contribute to the development of New Zealand's agriculture and related industries.

Applicants are invited from each of the following groups:

Practising farmers or others working directly with the land; Those engaged in the servicing of primary production in fields such as contracting, chemicals and fertilisers, commerce and finance, machinery and transport, processing and marketing; Those engaged in teaching, research and extension in agriculture and related fields.

Individuals may be nominated by other persons or by institutions. Application forms and information relating to the awards may be obtained from the Registrar, Lincoln College. Applications and nominations close on 30 September.

## Fellowship In Australia

Applications are invited for Rothmans Fellowships, which are awarded under the Rothman's University Endowment Fund set up by Rothmans of Pall Mall (Australia) Limited to enable Fellows to undertake postgraduate work within an Australian University.

Rothmans Fellowships are of an annual value of up to \$14,000. A Fellow may be paid travelling expenses incurred in taking up the Fellowship and returning home. In addition, an amount of \$1,500 p.a. towards fees and expenses including the purchase and maintenance of equipment may be paid to the University where the fellow is working.

Application forms and further details may be obtained from The Secretary, Rothmans University Endowment Fund, C/O The University of Sydney, N.S.W. 2005. Applications close on 28 September.

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Information on postgraduate study at Murdoch University has been received by the Scholarships Officer in the Registry. Interested students should contact her or her secretary (Registry Ext. 873 or 700).

# Notices

## Fulbright Applications Sought

The Board of the New Zealand-United States Educational Foundation will in 1981 be allocating about 40 per cent of the available funds to meet the cost of bringing lecturers and research scholars of standing from the United States. The allocation is likely to be sufficient to provide full grants for eight senior grantees plus travel grants for two other grantees who are receiving maintenance support from other sources. The Foundation's experience has been that the research scholar grant with its greater flexibility tends to attract the outstanding type of candidate and most awards are made in this category.

In recent years the Foundation has sought to focus the greater portion of its programme of visiting American scholars on the development of themes identified as having current significance. In following this approach the Foundation has been receptive to short-term proposals as well as projects involving a sequence of visitors spread over a period of two or three years. It is the Foundation's intention to continue with this approach in 1981 using the following themes:

1. American Studies—to encourage a better understanding of American literature, history and culture on the part of New Zealanders.
2. New Zealand Studies—to promote any study of New Zealand in the social sciences and humanities or the natural and applied sciences as they relate to studies unique to New Zealand.
3. Education development and innovation.
4. Cultural Studies—to promote cultural understanding, particularly in the creative arts; the preservation of cultural legacies through the collecting, preserving, studying, describing and displaying the creative products of the past.
5. Social Change—the nature, scale and rapidity of technological change—its social, cultural and environmental consequences.

The Foundation is aware that in the past it has initiated some programmes which fall outside the areas defined. Sponsors who wish to continue with the development of these programmes are also invited to submit proposals. It will be helpful if proposals are accompanied by a full statement of reasons why the suggested project is considered important and some indication of what the grantee will do if an award is made. Sponsors who intend developing a project spread over two or three years should describe briefly the development of the project in subsequent years. For lectureships details such as the number of courses, the

approximate number of students per course and their level of attainment are essential. If the time of arrival is important as, for example, with a seasonal project, this should also be mentioned.

The conditions for full awards are that grantees have their fares paid (not, however, for their dependants) and receive an adequate allowance, calculated on the number of accompanying dependants, to maintain them while in New Zealand. Each grant is based on a six months' stay, with provision for a three-month extension providing funds are available. For full grants sponsoring institutions have little financial responsibility. They will be expected to provide office or laboratory accommodation and it is assumed that requests will not be made for visitors unless the necessary facilities are available for undertaking the project successfully. Sponsors will be expected to secure suitable housing accommodation for which the grantees will pay.

Proposals accepted by the Foundation are advertised within the United States from *Magh to May* by the Council for International Exchange of Scholars, 11 Dupont Circle, Suite 300, Washington, D.C. 20036. Advertising is not always a particularly successful means of obtaining good candidates and once a proposal has been accepted by the Foundation it would be wise for sponsors to encourage suitable candidates to apply before the closing date of 1 June, 1980.

Proposals for the programme should be submitted to Mrs F. Barnes (Registry Ext. 873) with all relevant information by 1 October. Because the number of awards is limited each sponsoring institution is expected to submit only two or three proposals.

## Ada Wells Prize

Submissions are invited for the Ada Wells Memorial Prize, which is awarded for an essay on the following topic: "The representation of social ideals in the work of any Nineteenth Century or Twentieth Century novelist or prose writer."

Candidates are recommended to keep their essays within the limit of 3,000 words. The three examiners, appointed by the Professorial Board, shall give equal weight in their decision to the value of the ideas expressed and the literary qualities of the essay. The value of the Prize is \$50 and it is open to all undergraduates and all graduates of not more than three years' standing. The closing date for receipt of applications is 31 August.

## Conference Leave

Academic staff are reminded of the requirements of clause 7 of the Special Overseas Leave Conditions which states that applications should be made at least two months before the beginning of the conference. This time span is necessary for consideration of the application to be given by the Academic Staffing Committee, which holds its regular meeting on the first Friday each month, and recommendation to the Council meeting at the end of the month so that notification of the result of the application may be made in ample time for the staff member to arrange attendance at the conference and secure the most advantageous air fares. It is thus to the benefit of an applicant to submit an application for conference leave as early as possible.

## Hourly Pay Rates Revised

The following rates of pay may be applied to all classes of staff employed on an hourly basis; it should be noted these rates are maxima, and they may be varied according to the discretion of Heads of Departments.

Rates of remuneration will depend upon a number of factors—the nature of duties performed, the skill and experience of the employees as well as formal qualifications. (a) Students without degree qualifications . . . up to \$2.50 per hour. (The present minimum adult rate of remuneration, \$1.86 per hour, will alter following the application of the general wage increase which becomes effective from 3 September 1979).

(b) Students who have passed the Masters or final honours papers and are doing a thesis, or who are enrolled for a Masters Degree by thesis only . . . up to \$3.00 per hour.

(c) Students who have passed the Masters or final honours papers and are doing a thesis, or who are enrolled for a Masters Degree by thesis only . . . up to \$4.50 per hour.

(d) Students who have completed an honours degree and who have registered for Ph.D. . . . up to \$6.00 per hour.

In exceptional cases M.E. students who, having completed B.E.(Hons) are in the opinion of the Head of Department likely to register for Ph.D. without taking M.E. may be paid as in (d) above.

These rates of remuneration are to apply from 1 February 1980.