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STUDENT RADIO FOR ORIENTATION

Turn your transistor to 1230 kilohertz (between 3ZB and Radio Avon) between 23 February and 6 March and you will hear a new private radio station broadcasting from the University.

Radio U, controlled by the Orientation Committee, has been granted a temporary broadcasting warrant with the blessing of the University. It will broadcast information about enrolment, Orientation and items of general interest about the University during the period.

Jackie Maher, secretary of the Radio U Sub-committee, says the station will welcome suggestions from members of staff for material to be broadcast. Studio interviews or written news will be particularly welcome.

She may be reached by telephoning 487-069, Ext. 74, or through the Orientation pigeonhole, Students' Union.

The terms of the warrant require that programmes must be directed at the University community and that the station should be used primarily for broadcasting information about enrolment and orientation activities. The organisers hope to cover every aspect of University life. There will be a limited amount of music and possibly some poetry readings, soap opera and drama, but primarily factual information is being sought.

The station will be non-commercial and will broadcast on week days between 8 a.m. and 9 a.m., noon to 1 p.m. and 5 p.m. to 7 p.m. On Saturdays and Sundays its hours will be noon to 2 p.m.

The equipment is being supplied by the University of Auckland Students' Association, which operated a similar station last year.

The station is one of several innovations planned for this year's Orientation programme, between 27 February and 6 March. The organisers have not quite completed the programme — they will issue Orientation news sheets soon — but it is planned to provide a bumper number of forums, debates, concerts, stein evenings and films for new students. A highlight will be a cultural evening in the Ngaio Marsh Theatre on Saturday 6 March at which overseas students will demonstrate aspects of their own cultures.

The official welcome to freshers will be in the Ngaio Marsh Theatre on Monday 1 March.

Adjustment in Salaries

The University Grants Committee has advised that the third cost-of-living adjustment made by the Wage Adjustment Regulations 1974 (Amendment No. 7), increases the salaries and wages of University employees by 9 cents an hour or \$188 a year, from 27 January 1976.

It is expected that the new rates will be paid in February, and that arrears due for the period 27-31 January 1976 will be included in the February salary payment.

Sports For Staff Begin Next Week

The Physical Education Officer (Mr A. S. Lewis) has issued a cordial invitation to staff to take part in the recreation programme in the Sports Hall, at the eastern end of the stadium.

The timetable for staff is:

Badminton: Monday-Friday 9 a.m. - 10 a.m. (Tuesday 8 a.m. - 9 a.m.).

Volleyball: Monday, 10 a.m. - 11 a.m.

Soccer: Tuesday and Thursday, 10 a.m. - 11 a.m.

Fitness and Volleyball: Monday and Thursday, 1 p.m. - 2 p.m. This programme begins next Monday, 16 February.

Yoga and fitness: Tuesday, 1 p.m. - 2 p.m., Thursday, noon - 1 p.m.

The stadium is also available for running, but joggers are asked not to run on the inside lanes. The tennis courts on the sports

fields are also available should there be any fine weather this year.

Staff intending to accept the invitation to any of the planned activities may pick up a locker key from the reception desk at the Sports Hall. Showers are available in the changing rooms.

Home exercise programmes for personal fitness are also available from Mr Lewis.

In issuing the invitation, Mr Lewis said the physical activities especially provided for staff not only offset the health hazards of a very sedentary life, but provided contact with colleagues and relaxation.

He said it would also be appreciated if academic staff would point out to students the value of physical activity in leading a healthy and balanced life while at the University. The physical education staff would be pleased to advise any student on how best to participate in physical education activities or sport.

47th ANZAAS Congress

The forty-seventh Congress of the Australian and New Zealand Association for the Advancement of Science is to be held in Hobart, 10-14 May 1976.

The basic aims of ANZAAS since its first Congress in Sydney in 1888 have been to bring scientists together for the interchange of information and ideas. The 47th Congress is being structured around the theme of "Energy, Food and Population", each an element of crucial importance not only to the welfare of the human race, but indeed to its very survival.

Many of the scientific aspects of this trilogy will be discussed in the programmes of the various sections of the Congress, but these will be supplemented by general Congress Symposia which will provide a multi-disciplinary approach with major emphasis on policy issues associated with the development of energy resources and their allocation, food production and its distribution, and population growth and control, with a final symposium which will attempt to determine essential features of 'the sustainable society'.

This 47th Congress will also have a special significance, for a special symposium will commemorate the fiftieth anniversaries (which will occur in 1976) of the foundation of both the C.S.I.R.O. in Australia and the D.S.I.R. in New Zealand.

Erskine Visitors

Professor Donald E. Hudson, an international authority in the field of earthquake engineering and structural dynamics, will be an Erskine visitor in the Department of Civil Engineering in the first term next year. Professor Hudson is professor of mechanical engineering and applied mechanics at the California Institute of Technology.

Professor Hudson has a distinguished record of research achievement. Many of his papers have become basic reference material. He was president of the Seismological Society of America in 1971-72 and is at present a director of the International Association for Earthquake Engineering.

A graduate of Caltech, Professor Hudson worked with the General Petroleum Corporation, the Douglas Aircraft Company and during the Second World War he was in the research and design section of the U.S.

Navy. He joined Caltech as an assistant professor in 1943.

Mr I. H. Witten, a lecturer in electrical engineering at the University of Essex who has undertaken considerable research on artificial intelligence, will be an Erskine fellow in the Department of Electrical Engineering for three months next year.

A graduate of Cambridge, Mr Witten was awarded a Commonwealth Scholarship to the University of Calgary and was awarded an M.Sc. in 1970. Since then he has undertaken research into the theoretical foundations of learning systems and present computer simulation of learning systems and has conducted and co-ordinated research into speech synthesis by computer. In 1973 he undertook a joint research project on the mathematical structure of positional play in chess and last year he was awarded a grant by the Science Research Council for research on a programmable speech output peripheral.

Watercolours of Italy

The Cathedral at Arezzo (right), one of the 24 colour plates from *Watercolours of Italy*, by W. A. Sutton, a reader in the School of Fine Arts and one of New Zealand's best-known artists.

The book has just been published by the Publications Committee in association with Whitcoulls Ltd. Next week the originals will go on display in the Canterbury Society of Arts Gallery and a sherry party will be held to launch the book, which is an entirely new venture by the Publications Committee.

Mr Sutton, who was born in Christchurch in 1917 and whose work as painter and teacher has centred on the city and Canterbury, undertook the drawings and paintings reproduced in the book, as well as many others, during study leave in Italy in 1974 reinforced by a Queen Elizabeth II Arts Council fellowship. The purpose of his tour was to study the Quattrocento and other periods and for relief from prolonged observation in galleries, museums and churches he began sketching. Eventually he had a series of 80 studies.

Although he had no intention of exhibiting the works publicly he was prevailed upon to show most of them

in the McDougall Gallery at the end of 1974. The interest aroused by the exhibition, and another in Timaru, persuaded the Publications Committee that the reproduction of some of the sketches in full colour would be welcomed.

Mr Sutton found that selection was no easy matter, but he believes the book gives a reasonably balanced selection covering the areas visited, variations in subject matter and different uses of the medium. The book includes some records of famous buildings.

The works were thought of initially as straight watercolours suitable for framing, but when the idea of keeping them in a book began to impose itself greater detail was introduced and the presentation became more meticulous. Some studies show the use of near-chromatic washes over a clear pencil drawing, further details being added in pencil when the watercolour was dry.

The book is handsomely produced.

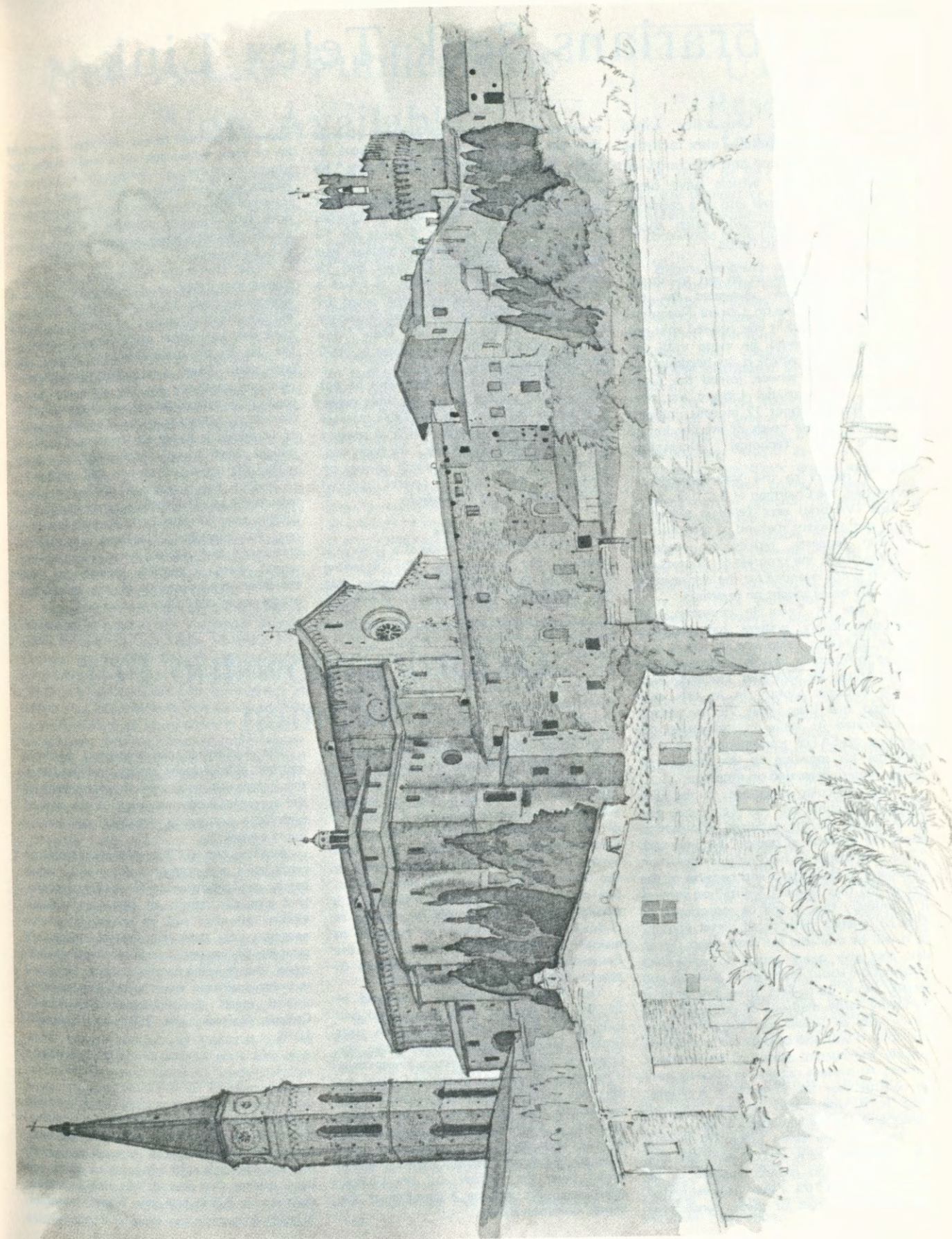
Naming of Buildings

Nameplates for buildings at Ilam will be provided in bronze lettering 8 inches high and they will be fixed directly to buildings with epoxy resin.

Agreeing to a recommendation to this effect from the Executive Committee, the University Council also invited the Naming Committee to nominate buildings requiring identification and the words which would be used to identify them.

Ontario Visitor

Mr R. P. Gilmor, Provost of the University of Guelph, Ontario, visited the University last week on an Association of Commonwealth Universities administrative travelling fellowship. Mr Gilmor is studying institutional and governmental attitudes towards the role of non-academic learning activities in universities. There is evidence to suggest, he says, that under the financial restrictions being experienced by many institutions of higher education the non-traditional learning programmes and support services face the greatest pressure to curtail their activities.



Librarians Seek Telex Link

New Zealand's University Librarians are keen to install Telex facilities to improve the speed and efficiency of inter-loan services, which have been described as too slow and as a cause of dissatisfaction, especially with those working in scientific fields.

The use of Telex as an aid to library interloan has been advocated by the Standing Committee on Library Resources for some years but it was realised that not much progress could be made until the National Library, which is the headquarters of the interloan service, joined the Telex network. The National Library has now been linked for about 12 months, initially to provide for the needs of the developing Scientific and Technical Information Service.

In a report to the Vice-Chancellors' Committee, the Chairman of S.C.L.R., Mr J. P. Sage (Victoria) says Telex is seen as a quick and efficient method of transmitting interloan requests, replies to requests, enquiries about the progress of requests and so on. It is not intended for the transmission of the text being sought on interloan.

The use of Telex in countries with developed library systems has increased greatly in recent years and its use is now routine in Australia, Britain, Canada and the United States, Mr Sage said. The experience of the National Library in its link with Auckland had been, that "it has clearly demonstrated its value in facilitating the handling of SATIS transactions ... and its potential for speeding up the location of library materials wanted on interloan".

"The particular advantages in the New Zealand situation are that Telex can give quick access to the required information about the location of books," Mr Sage said. "This information is held only in the Union Catalogue in Wellington and because of the size of the files (some 1 3/4 million entries) it is unlikely that it will be reproduced or that automated methods of direct enquiry to it will be available for some years. Telex will also give quick access to up-to-date information about holdings of journals and serials, more up-to-date than the present decidedly tardy methods of publishing the *Union List of Serials* can currently make available. It will also be possible to establish quickly the current status of an interloan request. At present requesting libraries have no control over the progress of a request once it is despatched to the interloan headquarters at the National Library.

"In 1974 the seven university institutions borrowed nearly 30,000 items and lent about 28,000 and growth appears to be between 5% and 10% a year. It is estimated that more than half of these transactions

could be handled by Telex between libraries that are already in the Telex network or likely to be linked in the near future," he said.

The annual rental of an automatic Telex machine was \$900 and message charges within New Zealand were 5 cents for 10 seconds. The average interloan message was likely to cost between 10 cents and 15 cents, depending on the extent to which a common code of abbreviations could be implemented. Two of the larger university libraries have estimated that their Telex message costs for 1976 would run at \$900 and \$650 respectively.

"As an offset to this there will be not insubstantial savings in clerical time, especially where the typing of the Telex message can also produce records which at present have to be made separately," Mr Sage said. "There will also be substantial savings on postage of the order of several hundred dollars for the larger institutions.

Other Uses

"Other uses will be made of a Telex link between the universities. The Standing Committee on Computers has agreed that the Computing Centres would expect to

make a good deal of use of Telex. It would be of some advantage, on a small scale, for urgent transfer of information between Registries. The libraries also expect to use international Telex links for communication both with overseas libraries for borrowing urgently-wanted items and for urgent orders to book suppliers.

"The University Librarians have concluded that Telex, as an example of modern technology, will have beneficial effects on the speed and efficiency of interloan, in the same way as another technological advance, the use of photocopying, has done," Mr Sage said. "There is no doubt, that present interloan methods are too slow and are a cause of dissatisfaction especially with those working in scientific fields. The importance of Interloan is likely to increase if current budget restrictions lead libraries, both within the university system and outside it, to reduce the number of their periodical subscriptions. The annual running costs of \$900 a year for rental and a quite small net cost for messages if savings on postage, stationery and clerical time are counted, would seem a modest charge for very desirable improvements in the speed and efficiency of the Interloan service."

Oxford Fellowship For Women

St Hilda's College, Oxford, proposes to elect a Junior Research Fellow for three years from 1 October 1976 or 1 January 1977. The Fellowship is open to women who are citizens of the United Kingdom or of any constituent country of the British Commonwealth and graduates of a University the degrees of which are approved by the University of Oxford for senior status. She must intend to pursue research in a subject that can profitably be studied at Oxford. She will normally be expected to reside in Oxford the period of the Fellowship, but will be granted leave of absence if her subject requires it.

The Fellow will receive a stipend of £1,000 p.a. together with free board and lodging in College throughout the year (except for the short periods when the College is closed). If her circumstances make it necessary for her to live out of College the payment of a living-out allowance will be considered. The Fellow may, if she wishes, become a member of a superannuation scheme appropriate to University and College academic appointments, under which both the Fellow and the College contribute. She will be a member of the Senior Common Room.

Professor James B. Hobbs, a visiting professor in the Accountancy Department this year, is anxious to hire a car until mid-August from staff who may be going on leave during this period. His office phone number is 8779 and his home number 41-775.

New A.C.U. Publications Now Available

New editions of the *Commonwealth Universities Yearbook*, *Awards for Commonwealth University Study*, *Scholarships Guide for Post-Graduate Students* and *Schedule of Post-Graduate Courses in U.K. Universities* are now available for reference in the University.

The *Commonwealth Universities Yearbook* is a unique guide to the staff, courses, organisation and activities of university institutions of good standing in the Commonwealth. The 1975 edition is the fifty-second and contains in 2,500 pages the basic facts about these universities that are needed by university teachers and administrators, students, parents and others.

For each of 250 universities there is a chapter containing general information, including descriptions of first and higher degrees, and a complete academic staff list arranged by subjects. In this edition there are, for the first time, chapters on these new universities: Wollongong (Australia); Regina (Canada); and the Central Institute of English and Foreign Languages, Hyderabad, and the Gujarat Vidyapith (India).

Essays by leading academic figures introduce the pages for Australia, Bangladesh, Britain, Canada, India, Malaysia, New Zealand and Nigeria. Each is a factual guide to university education in that country.

Of six appendices, one summarises at length the requirements for entry to first degree courses at universities in Australia, Bangladesh, Britain, Canada, India, Malaysia, New Zealand and Nigeria. One describes the Commonwealth Scholarship and Fellowship Plan; and another contains a statistical analysis of students from abroad at universities in six Commonwealth countries.

There are also a bibliography, a 135,000-names index, a 40-page general index and 19 other indexes, tables and lists each designed to facilitate reference to the opportunities for study or research in a particular country.

Hundreds of awards open to the staff of universities in Commonwealth countries are listed in a completely revised and much enlarged new edition of *Awards for Commonwealth University Study*. The 200-page handbook provides basic information about sources of financial aid for academic and administrative staff who wish to undertake research, make study visits, or teach for a time in a Commonwealth country other than that in which they live.

It lists fellowships, visiting professorships and lectureships, travel grants, etc. and covers all fields of study in which there are university facilities. Appendices contain brief notes on: (a) awards tenable at certain non-university institutions; (b) 15 organisations which provide appointments services

(such as the ACU and the Inter-University Council for Higher Education Overseas) or recruit consultants or experts; and (c) some forms of financial help (not covered elsewhere in the book) for Commonwealth universities, e.g. in respect of interdepartmental links and local training programmes.

Thousands of awards for post-graduate students are listed in the second edition of the *Scholarships Guide*. The handbook, now enlarged to 300 pages, provides basic information about sources of financial aid for graduates of Commonwealth universities who wish to undertake post-graduate (including post-doctoral) study or research at a Commonwealth university outside their own country, e.g. awards tenable in Britain or Australia by Canadian graduates, and awards tenable in Canada or Africa by UK graduates. Scholarships, grants, assistantships, demonstratorships etc. are listed, and all subjects of study or research are covered in which there are university facilities. There is an index.

The twelfth edition of the *Schedule of Post-graduate Courses* covering courses on offer in the academic year 1975-76 provides brief details of post-graduate courses at United Kingdom universities and includes course title, duration and the qualification awarded to successful candidates. The courses listed are of at least nine months in duration and are, in the main, those which relate to full-time study but where information is available on courses which may be followed on a part-time basis, this is also given. Courses in medicine, dentistry and veterinary science are not covered, nor are research degree courses.

From Registry To Embassy

Mr Richard Atkins, formerly an administrative assistant in the Registry and a graduate in classics from the University in 1954, has been appointed New Zealand Ambassador to China. Mr Atkins, who is 44, joined the Ministry of Foreign Affairs after leaving the University, and served in New York, London and Rome before becoming deputy ambassador in Washington. He will replace Mr Bryce Harland, who became the first New Zealand Ambassador in Peking when diplomatic ties were established in 1973.

U.G.C. Research Grants

A total of \$671,786 was awarded by the University Grants Committee's Research Committee in 1974. In all, 129 awards were made.

Biggest recipients nationally were Chemistry Departments (\$214,881), Engineering (\$98,036), Physics (\$81,116), Biology (\$33,572), Zoology (\$29,417), Agriculture (\$27,894), Education (\$28,641) and Earth Science and Geology (\$41,775), with \$110,454 distributed among other departments.

In its annual report, the Committee notes that the general research needs of the universities, including provision for establishing new fields of study, are provided for within the block grants assigned to universities. These grants, it says, should provide normal research requirements for staff graduates and Ph.D. work.

"The funds available to the Research Committee have been sequestered from the gross amounts calculated for the total block grants and are intended to be used principally for large purchases of equipment needed for research projects. The Committee is, however, prepared to examine projects involving items other than equipment, particularly where these are recommended by the universities' internal research committees, although this does not preclude the right of an individual to submit an application to the Committee.

"At the same time the Committee does not wish to deal with requests for small grants in respect of microfilm, books, materials, travel and field expenses which are better met by funds at the disposal of the internal research committees of the individual universities.

"The Committee favours the development of allied or integrated research projects. By this means, and by some degree of specialisation, it is hoped a co-ordinated use will be made of costly items," the report says.

The Committee is chaired by the U.G.C. chairman, Sir Alan Danks, and consists of five members appointed by the Grants Committee, the Director-General of the D.S.I.R. and seven university teachers.

The Europa Institute, University of Amsterdam, has organised an international postgraduate course in European Integration between September 1976, and April 1977. The purpose of the course is to provide postgraduate students in law, economics and political science with a thorough understanding of the complex problems of European integration.

Sea Grant Program

Research Example From America

New Zealand universities could well take note of the American experience with the National Sea Grant Program in developing future research programmes and in their relationships with Government agencies, industries and the public, said Professor G. A. Knox (Zoology) in a report to Council on his study leave last year.

Professor Knox said the programme had had a considerable impact on research in the marine sciences, especially on research directed towards the problems of the coastal zone. In particular it had led to the development of interdisciplinary problem-orientated research teams involving engineers, geographers, physical and chemical oceanographers, geologists, marine biologists, sociologists, economists and lawyers.

The original concept of the National Sea Grant Program was developed by a number of leading scientists and engineers in the early 1960's, but the person recognised as the "father" of the program is Dr Athelstan Spilhaus, who was Dean of the Institute of Technology at the University of Minnesota and chairman of the National Academy of Science's Committee on Oceanography. Dr Spilhaus pointed out that the Land Grant College system established by the Morrill Act of 1862 — which gave rise to the Agricultural Extension Service, now called the Co-operative Extension Service — had been a major force in the nation's agricultural development. He strongly held that an analogous system which would encourage universities to direct their attention and capabilities to the problems of the sea and the wise utilisation of marine resources would have the same beneficial effect. It was recognised that some of the existing industries — notably fisheries — needed to be revitalised, that new industries could be developed, and that increasing interest in the country's coastal zones and their problems required information about these neglected areas which was not readily available. The catalytic influence of Dr Spilhaus and subsequent discussions by the ocean-orientated members of the scientific community culminated in the National Sea Grant College and Program Act of 1966.

Institutions in all states bordering the oceans or the Great Lakes are eligible to participate in the National Sea Grant Program at any one of three different levels — with each individual institution's participation depending on its interest, capabilities, and resources.

Professor Knox said the points that emerged for New Zealand were:

1. The need to develop true interdisciplinary approaches to problem-orientated research to a much greater degree. "Here in New Zealand our strong discipline orientated departmental structure has been regarded as one of the major strengths of our system," he said. One question perhaps its appropriateness for the future in view of the current advances in science which cut across the discipline boundaries, the rapid changes that are taking place in the world around us and the outside pressures that are being exerted on the university system. This does not mean that our students should not be given a sound training in a basic discipline, but that there should be a further development of inter- or preferably trans-disciplinary courses and that our research activities should, while still allowing for the pursuit of basic research in a discipline area (this is one of the strengths of a university as an institution), increasingly should be involved in the solution of problems requiring input and collaboration from a number of disciplines."

2. The University should make a greater effort in the fields of advisory or extension services and in retraining and education in the fields of resource management and the environmental sciences generally. This training and education should be aimed at as wide an audience as possible.

"A good example of this is the University of Georgia's Marine Resources Extension Center on Skidaway Island near Savannah," he said. "This centre provides a wide-ranging educational and training programme devoted to explaining to the community at large the importance of their coastal resources and environments. It has an exhibit area with aquaria and visual exhibits and it is open seven days a week. Field trips are conducted for groups of students, teachers, and members of business, government agencies and other organisations. It has a staff of nine engaged in educational activities. The educational approach is an interdisciplinary one that aims to take the culture of the coast and tie it in with science, economics, anthropology, history and other disciplines. A variety of educational programmes has been developed to suit the needs of a wide range of types of scheduled groups ranging from kindergartens to members of a federal conservation agency.

"3. I would like to see the principle of matching funds established in our research granting procedures. This would be an incentive for researchers in the University to obtain research funds from industry, local bodies, and other organisations, as some staff now do. A special fund administered

by the U.G.C. Research Committee could be set up for this purpose. This would also act as an incentive in the reverse direction in encouraging support for University research from outside organisations," he said.

Other points made by Professor Knox in his report were:

Environmental Science. "Our M.Sc. in Resource Management compared more than favourably with similar courses in operation in the universities I visited. My experience confirmed my belief that the organisational pattern we developed here was the right one."

Employment of Ph.D's. The projected imbalance between supply and demand and the difficulties faced by some Ph.D. graduates in finding suitable employment (applications of 500 plus for advertised academic posts were now common and in one case the total was 900) had led to consideration being given to a reassessment of the role of the traditional Ph.D., especially as a preparation for posts other than academic or in the research and development fields. "It is predicted that the next decade will see considerable changes in graduate education including much greater opportunities for research in inter-disciplinary fields; sandwich-type Ph.D.'s with alternate periods in industry and university; closer liaison in post-graduate training between government research agencies, industry and universities; the introduction of Ph.D. degrees that might involve a number of more limited research projects in different fields; and proposals for new kinds of equivalent Ph.D. degrees that would involve less emphasis on research and more on the acquisition of skills in several areas," he said.

Courtesy. Professor Knox said the Texas Agricultural and Mechanical University, at which he was visiting professor of Oceanography, had about 27,000 students and was ranked about tenth in the United States in terms of research grants. By general U.S. standards it was a conservative institution and had not experienced student unrest. He found it strange to be greeted by students with "Good morning sir" when he strolled across the campus.

The International Atomic Energy Agency is inviting proposals for research projects to be undertaken in 1976 under contract with the Agency. Details are available from the Registry (Mrs Barnes). Applications must be submitted to the Agency before the end of March on the official form which is obtainable only from Contracts Administration Section, International Atomic Energy Agency, Karner Ring 11, A-1010 Vienna, Austria.

Support for Staff Exchanges in New Zealand

The Vice-Chancellors' Committee has supported in principle an A.U.T. proposal for the exchange of staff within the New Zealand university system.

The initiative for seeking out exchanges of staff between universities has been left with individual members of university staff. The main purpose of the scheme is to provide both individuals and departments with the stimulus of a change without great expense.

The exchange scheme would operate over one year with staff members being paid by their home university. The year of exchange would count towards leave eligibility and superannuation.

A staff member on exchange would undertake teaching and research duties under the head of the department in the host university in the normal way, but would not be able to approach that university for research grants or travel grants to attend conferences.

Immigration Policy

The committee discussed the difficulties experienced by some Universities in appointing staff from overseas. Since 1974, new restrictions on immigration have been applied, the main points being as follows: —

Immigrants must be between the ages of 18 - 45.

If married, immigrants may have not more than 4 dependent children, and the family must intend to travel to New Zealand and remain here as a unit.

Immigrants and dependents must meet New Zealand's requirements as to health and good character.

Guarantees of employment and long-term accommodation must be produced. The guarantee of employment must be for work in a field in which there may from time to time be ascertained by the Government to be a shortage of suitably qualified and experienced manpower in New Zealand.

On the latter point, any university teaching position will be recognised, but non-academic fields such as in the Library may not be recognised as warranting appointment from overseas.

The committee noted that as a consequence of delays and difficulties experienced at the University of Waikato, offers of appointment to overseas applicants are made conditional upon the appointee obtaining permanent entry rights. Appointees are advised not to resign their current position until a permit has been

obtained and the appointment confirmed.

The committee was informed that Mitsui & Co. (Australia) Ltd have established in Australia an educational foundation that enables Australian students to visit Japan for study. As part of an endeavour to promote better understanding between New Zealand and Japan, the foundation proposes to include a New Zealand student in the group which travels from Australia annually. Although details of the scheme are not yet finalised, students are usually sponsored on a one-month study tour on the completion of their examinations in November. Final selection of students is in the hands of the Australian trustees of the Mitsui Educational Foundation.

Approval has been given for the following inter-university conferences in 1976 in the following subjects:

Teachers of Asian Studies: At Auckland University, Organiser, Professor Tarling.

University Extension/Continuing Education Teachers: At Auckland University, Organiser, Mr Malone.

Teachers of Philosophy: At Auckland University, Organiser, Professor Montgomery.

The committee has approved the following nominations to the U.G.C.

Curriculum Committee: Professor R. H. Brookes (Victoria University), Professor R. J. Mulgan (Otago).

Research Committee: Professor D. Walker (Victoria), Professor R. N. Brothers (Auckland).

Support Costs at U.S.P.

Support costs for academic, library and administrative staff seconded to the University of the South Pacific have been approved.

They include provision for passages on appointment, leave and termination; baggage allowance; rent allowance; education allowance; holiday visit passages for dependent children at school in New Zealand; appointment allowance; and termination allowance.

Scales for the support costs and allowances have been established by the U.S.P. for staff it recruits directly and these will be applied to New Zealand — seconded staff.

Details are available from Mrs F. Barnes (Registry).

Fulbright Visitors

American lecturers and research scholars who will be visiting New Zealand this year under the Fulbright programme are listed below.

The New Zealand-United States Educational Foundation encourages its visitors to accept invitations to lecture at other universities and will meet the cost of return air travel. The university concerned is expected to assist with the visitor's expenses if he is required to stay overnight.

The visitors, their field, their host institution and the duration of their visit are:

Professor Theodore R. Deppe, Department of Recreation and Park Administration, Indiana University; Community recreation planning; Lincoln College; June to December 1976.

Professor Donald L. Dungworth, Chairman, Veterinary Pathology School of Veterinary Medicine, University of California, Davis; Veterinary pathology; Wallaceville Animal Research Centre, Upper Hutt; October 1976 to July 1977.

Professor Warren E. Johnston, Department of Agricultural Economics, University of California, Davis; Water resource management; Lincoln College; July 1976 to March 1977.

Professor David K. Lewis, Department of Philosophy, Princeton University; Philosophy of language; Victoria University; June to August 1976.

Dr P. Aarne Vosilind, Department of Civil Engineering, Duke University; Environmental studies; University of Waikato; January to September 1977.

Travel grants have been awarded to: Mr John Brumm, Director of Education, International Association of Machinists; Industrial relations; Victoria University; December 1975 to December 1976.

Dr Eric R. Force, U.S. Geological Survey, Roston, Virginia; Geology research; Geological Survey, D.S.I.R.; October 1975 to July 1976.

Professor Albert J. Lott, Department of Psychology, University of Rhode Island; Social psychology; University of Waikato; January to June 1976.

The Canterbury Medical Research Foundation has granted \$1,100 to Dr A. L. J. Cole and Dr J. R. L. Walker of the Botany Department to assist an investigation into the therapeutic principles of native plants, many of which formed the basis of early Maori remedies.

ACCOMMODATION

The following accommodation is available:

To Let

For approximately four months, 21 June to 15 October, 1976, comfortable, warm, and completely furnished home on Cashmere Hills. Flat access, panoramic views, 15 mins. by car from Ilam Campus, and bus stop within 20 yards. Rent \$55 p.w. Phone 39-275.

Three bedroom furnished house available from beginning of March for about 2 years, near good bus service, shops and schools in Hoon Hay area. Has separate lounge, shower, washing machine, dryer, fridge, freezer, etc. Garage. 40p. section. Rental \$45 p.w. (subject to negotiation). Apply Mr C. McLachlan (solicitor) Phone 66-131).

One bedroom flat available to mature woman or quiet mature man, in Hackthorne Road, Furnished (no linen, blankets, or cutlery), centrally heated, bath, fridge, and automatic washing machine. Care of garden if desired. Available immediately for, preferably, at least one year's lease. Rent \$25 p.w. Phone 325-138 between 9 and 10 a.m. or evenings.

Very handy University, in Creyke Road, three bedroom unfurnished house (lounge suite, curtains, drapes and floorcoverings supplied). Lounge, separate dining room, separate shower, washing machine and fridge. Immediate possession. Rental \$40 p.w. Phone 256-716 or 43-441.

Furnished three double bedroom house situated Athol Terrace in lovely surroundings, has separate dining room, bath and shower, open fire, central heating, fridge, washing machine, garage and carport. 33p. section. Available 18 April or earlier by negotiation, for approximately one year and probably renewable. Rent \$50 p.w. reducible to \$44 for garden care. Phone Mr R. K. Graham, 489-837.

Exchange

Monash University staff member on Study Leave in New Zealand in 1977 would like to contact any Canterbury University staff member considering spending a year in Australia with a view to exchanging homes. Also prepared to make motor car available. The house is of brick and has 3 bedrooms — situated in South Oakleigh near Monash University and with good access to the city of Melbourne. Enquiries to Dr D. R. Hutton, Department of Physics, Monash University, Clayton, Vic. 3168.

For Sale

Recently redecorated two bedroom and sunroom house with 10' x 14' sunny walkthrough to large garage. Approximately 17p. easily maintained, attractive grounds.

Jellie Park is opposite, shops half mile away, close to all schools and on bus route to city. Price \$31,000. Phone 519-006 or 71-649 ext. 8756.

Situated Fendalton, four bedroom permanent material family home. Lounge, separate dining, kitchen, built for maximum sunshine. Double garage, studio or study, tool shed. Secluded, well laid out 32 perch section. Few minutes walk from University and shopping mall. Immediate possession as owner purchased another property. \$34,500 o.n.o. Phone 519-507.

Four bedroom (two double) two-storey, permanent material home in Harrowdale Drive, Avonhead. Lounge, separate dining room, separate shower, hand basins and toilets both floors, central heating. Double concrete block garage with power. Small section with well laid out garden. Immediate possession, \$45,000, or rent at \$45 p.w. unfurnished. Phone 43-441.

In Ilam, very close to University, attractive home in good condition with lounge, dining room, two bedrooms and study, kitchen, bathroom with shower cabinet, laundry, double garage. 25p. section with mature garden. Price \$29,900. Phone 44-834.

House nearing completion in Ilam Road, on attractive rear section with northerly aspect and stream boundary. Price which includes landscaping, \$56,000. Plans and further information obtainable from Mr K. C. McClelland, Phone 489-893.

Mature two-storey house with three bedrooms and sunroom, separate dining room, two open fires (wetback in diningroom), shower over bath, modern gas stove, refrigerator, carport enclosed three sides, on 32p. section in Creyke Road very handy University. Possession one month. Price \$33,500. Phone 519-192 (not between 15 and 25 Feb.) Smiths City Market 71-859 (Ext. 709).

Forthcoming Courses and Conferences

Information has been received on the following conferences and courses:

International Symposium on Equatorial Aeronomy: at James Cook University, Townsville, 23-31 August 1976. Further information from the Australian Organising Secretary, 5th ISEA, Physics Department, James Cook University, P.O. James Cook University, Q, 4811, Australia.

International Cybernetics Congress: in Namur, Belgium, September 6-11, 1976. Details from J. Lemaire, Managing Director, Association Internationale de Cybernetique, Palais des Expositions, Place Andre Rijckmans, B-5000 Namur, Belgium.

Mineral Economics: at Australian Mineral Foundation, Glenside, South Australia, 24 May - 4 June, 1976. Details from the Director, Australian Mineral Foundation, P.O. Box 97, Glenside, S.A. 5065, Australia.

A conference on Physics in Industry: in Dublin, 9-13 March, 1976. Further information from the Secretariat, IUPAP Conference, Royal Irish Academy, 19 Dawson Street, Dublin 2, Ireland.

The 5th National Congress on Urban Development: in Perth, 8-12 March, 1976. Further information from Urban Development Institute of Australia, W.A. Division Inc., G.P.O. Box B56, Perth 6001, Australia.

The Annual Federal Conference of Refrigeration, Air-conditioning and Heating:

in Melbourne, 22-26 March, 1976. Further information from AIRAH, Victorian Division, P.O. Box 52, Parkville, Vic. 3052, (Miss L. E. Starek, Secretary).

A Symposium: Planning the Future of the Hawkesbury River Valley: in March 1976. Further information from Mrs. N. Patten, National Trust of Australia (NSW), Observatory Hill, Sydney.

The 3rd Australian Transport Research Forum: in Adelaide, March 1976. Further information from Australian Transport Research Forum, c/o Bureau of Transport Economics, P.O. Box 367, Canberra City, A.C.T., 2601, (Mr J. R. Kjar, Secretary).

CONASTA XXV: in Adelaide in May 1976. Further information from ASTA, P.O. Box 210, Hawthorn, Victoria 3122, (Mr M. Rosier, Secretary).

The 7th International Congress on Coal Preparation: in Sydney, 23-28 May, 1976. Further information from Australian Organising Committee, 7th International Coal Preparation Congress, G.P.O. Box 3842, Sydney, N.S.W., 2001, (Mr G. E. Edwards, International Chairman).

Ninth International Congress on Social Defence: in Caracas, Venezuela, 3-7 August 1976. On the theme "Social Marginality and Justice".