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1983**Chronicle****Research In
Forestry "Well At
Scientific Frontiers"**

Staff of the School of Forestry are in better touch with international developments in forest biology than the average European forest scientist, according to Professor Carl Olof Tamm, the first Tasman Visiting Fellow in the School of Forestry last year.

In a letter to the School, expressing thanks for a "wonderful opportunity", Professor Tamm, professor of forestry in the Swedish University of Agricultural Science, who was at Canterbury from July to October, said he was very impressed with both the education and the research at the School.

"Like several of my colleagues at our faculty, I deplore our recent development towards short courses given by different teachers and not too well co-ordinated, instead of the system we had earlier, with eight or ten teachers, each responsible for his subject but calling in outside specialists for certain lectures and seminars. That system may require more from the teachers, but certainly also gives more to the students. I hope that you will maintain your present principles in undergraduate training," Professor Tamm said.

"In research I found your staff members well at the scientific frontier and I fear that my contributions were very modest indeed. However, I still hope that the interesting discussions we had in seminars and elsewhere may at least have done some good in strengthening self-confidence among Canterbury scientists. Knowing of the geographic isolation from other countries and even from the headquarters of the Forest Research Institute, you may sometimes feel the risk of scientific isolation. I can assure you that you are better in touch with international developments in forest biology than the average European forest scientist."

Professor Tamm said his stay in Christchurch was one of the highlights of his life and added: "In attempts to increase forest production and to solve environmental and conservation problems, I found more interesting results and experiences concentrated in New Zealand than I think is possible anywhere else in this world in an area of similar size."

University Accounts Computerised

Heads of departments now receive a detailed account of their department's financial transactions soon after the end of each month as a result of a switch from manual to computerised accounting in the Finance section of the Registry.

Though there has been little initial feedback about the system, which ran in tandem with the old system for the final months of 1982, the accountant, Simon Hill, believes those concerned with balancing departmental budgets have welcomed the change.

The computer print-out gives details of every departmental transaction together with totals and a balance. The manual system could provide only limited detail and was considerably slower.

The change was also necessary on other grounds. The accounting machines used to produce the old statements are obsolete. Maintenance has become expensive and replacement is impossible. Accordingly, when Mr Hill, who was completing a B.Sc. in computer science, joined the staff in 1980, he was assigned the specific task of looking at computerising the accounts.

Trevor Brown, head of the Data Processing section, who had supervised the preparatory work in this area, nominated a member of his staff, Robert Glue, to continue to work with Mr Hill and last October the first "live" run was produced, though prudently the printouts were accompanied by the old statements. Mr Hill said it had not been easy to run the two systems together, but the extra work involved had been worthwhile as it proved the accuracy of the new system.

This year the University's annual accounts are being produced by computer for the first time.

**More British Research Awards For
Overseas Students**

The Committee of Vice-Chancellors and Principals in Britain advises that this year it will offer 600 new awards to overseas graduate students of outstanding merit and research potential.

Each award will cover the difference between the tuition fee for a home graduate student and the "full cost" fee chargeable to an overseas graduate student. The awards are tenable at a wide range of institutions listed in a booklet which may be consulted in the Scholarships section, Registry.

Those given awards will be overseas graduate students who will begin full-time study as registered research students in 1983-84 or who are already undertaking such a course and do not have an overseas research student award. They must be liable to pay tuition fees at the "full cost" rate for overseas students.

The only criteria for the awards are outstanding merit and research potential. Other factors, such as nationality, proposed

field and institution of study will not be taken into account.

The awards are made to individuals, not institutions. Subject to satisfactory progress, they will be renewed for a second and third year according to the normal length of the research course being undertaken.

**Vice-Chancellors'
Committee Head**

The Vice-Chancellor (Professor A. D. Brownlie) has been appointed Chairman of the Vice-Chancellors' Committee for the next two years. The Committee considers matters of common concern to the Universities and may report or make recommendations to the University Grants Committee or to any university.

Staff Seminar On Assessment Soon

This year's staff seminar, *Assessing Assessment*, is planned as a forum to question current practices and to raise some of the central issues and problems of internal assessment in the University.

It will be held from 9 a.m. to 1 p.m. on Friday 18 February in A1-A3 lecture block with Professor K. T. Strongman as chairman.

The seminar will open with a discussion, *Formal Finals vs The Rest* between Professor J. D. Lewis (Botany), Professor J. P. Perry (Computer Science), Mr F. G. Tay (Economics) and Mr C. G. Goodrich (Sociology) and will be followed by a discussion *As Students See It*.

Various sessions will then be discussed. They will be: *The Synthesising Case Study*, by Professor P. A. McWha (Botany); *Assaying Essays*, by Dr P. D. Evans (English); *In the Field*, by Dr S. D. Weaver (Geology); *Open Book*, by Dr P. J. Tremewan (French); *Self-Assessment*, by Professor H. McCallion (Mechanical Engineering); and *No Finals*, by Professor A. A. Nuthall (Education).

Following a coffee break, there will be a discussion on cheating and morality chaired by Professor Bill Willmott (Sociology) with contributions from Professor G. F. Orchard (Law), Dr B. D. Haje (Education) and Mr J. C. Thornton (Philosophy).

Staff planning to participate are asked to advise the Educational Research and Advisory Unit by 15 February.

The seminar has been arranged by a committee consisting of Professor Strongman, Dr J. A. McWha (Botany), Professor Nuthall and Professor A. G. Williamson (Chemical and Process Engineering) assisted by E.R.A.U.

Linguistics Expert To Be Visiting Fellow

In Third Term

Professor G. N. Leech, professor of linguistics and modern English language at the University of Lancaster, has been awarded a Canterbury Visiting Fellowship to lecture in the English Department in the third term on the use of language in literature and other topics in modern English language study.

Professor Leech, who was director of the Computer Archive of Modern English Texts for 10 years, has written or been co-author of 11 books on semantics, linguistics and style in fiction and is working on another book on grammar.

His main academic interests are semantics, stylistics, English grammar, pragmatics and computer corpus research. The Lancaster-Colo/Bergen corpus of British English was compiled at Lancaster and Bergen under the direction of Professors Leech and S. Johansson and Professor Leech is co-director of a research project, supported by a Social Science Research Council research grant, for the automatic grammatical tagging of the corpus.

Professor Leech has made numerous overseas visits sponsored by the British Council, including visits to Czechoslovakia, Belgium and Holland, India, China, Finland, Brazil, Japan, Greece and Poland. Other invited visits overseas were to Germany, Switzerland, France, Sweden, Norway, Italy and the United States.

Erskine Visitors

Two engineers have been awarded Erskine Fellowships to visit the University next year. They are Professor James Jenkins, an associate professor in the Department of Theoretical and Applied Mechanics, Cornell University, and Professor J. L. Duncan, professor of mechanical engineering at McMaster University, Canada.

Professor Jenkins, who will be at Canterbury during the first term next year, is qualified in a wide range of engineering fields, but is best known for his work in the mechanics of granular media. He is also active in bio-mechanics and is undertaking fundamental research in large deformation elasticity.

A graduate of Johns Hopkins University, Professor Jenkins has published 26 papers. He has held visiting positions in Italy, Japan, Scotland and France.

The mechanics of sheet metal forming processes, the principles of metal-working and computer-aided design methods in metal forming are the special fields of Professor Duncan. He is the author or co-author of 80 refereed publications, 39 of them in scientific journals, 35 in conference proceedings, three in industrial technology journals, two as chapters in books and one as a book.

Professor Duncan is a graduate of Melbourne and Manchester Universities and from 1962 to 1970 was a lecturer at the Manchester Institute of Science and Technology.

Former President Of Toronto To Visit In April

A well-known Canadian academic, Professor Claude Bissell, will be visiting the University in April. Professor Bissell, who was President of the University of Toronto from 1968 to 1971, is a professor of English at Toronto.

Professor Bissell, who will be at Canterbury from 17 to 23 April, was educated at Toronto and Cornell Universities and gained his Ph.D. in 1940. After serving in the Canadian Army, he returned to Toronto as associate professor of English and became a professor of English in 1962. He was Assistant to the President 1948-52, Vice President 1952-56, dean in residence at University College 1949-56 and President of Carleton University, Ottawa, 1956-58.

While leading Toronto for 13 years, Professor Bissell was chairman of the Canada Council, president of the National Conference of Canadian Universities and Colleges. He is chairman of the Canadian Universities Foundation.

Professor Bissell has been awarded honorary degrees by the Universities of Manitoba, Western Ontario, Lethbridge, Leeds, Toronto, McGill, Queen's, New Brunswick, Carleton, Montreal, The St Lawrence, British Columbia, Michigan, Windsor and St Andrews. His publications include *University College, A Portrait*, (ed); *Canada's Crisis in Higher Education*, (ed); *Our Living Tradition*, (ed); *Great Canadian Writing*, (ed); *The Strength of the University: Halfway up Parnassus*, and *The Humanities in the University*, as well as articles on literary subjects in Canadian and American journals.

Hughes Parry Commissioner On Visit

A member of the Hughes Parry Commission which conducted the information of New Zealand higher education in the sixties, will be returning to New Zealand this year and will make a brief visit to the University on 20 and 21 April. He is Dean Geoffrey Clement Andrew, formerly executive director of the Association of Universities and Colleges of Canada.

A teacher at Rothesay College, New Brunswick, in 1929, he became secretary of the Wartime Information Board, Ottawa, in 1943, director of the Canadian Information Service, in 1945 and chief of the Information Division, Department of External Affairs in 1947. He became a professor of English at the University of British Columbia in 1947, dean and deputy to the President in 1953 and then executive director of the Association of Universities and Colleges of Canada until 1971.

Most Staff Eligible For P.S.I.S.

Most members of the University staff are now eligible to join the Public Service Investment Society. Further information about eligibility and enrolment forms may be obtained from Helen Coombe, P.S.I.S. Promotions Officer, Phone: 797-230.

Membership benefits include: Savings: Current account, 4% on call; savings account up to 12% on call; term deposits and investment bonds up to 16.25%.

A.U.N.A.S. Explanation On Christmas

Meat Distribution

For the first time since its inception the Christmas ham and poultry distribution ran into some problems. In the first place the computer printout was not sufficiently accurate to ensure smooth distribution and the organising committee wishes to apologise for delays resulting in people having to wait slightly longer when collecting their orders.

Second, the supply of ham was difficult within their own premises. Wrong labels had been put on poultry and variations in weights and sizes were not too clearly marked when it came to distribution. The committee was assured that this, in part, was due to the Christmas rush and accepts the explanation, along with the firm's apologies.

The committee also heard that some customers were not satisfied with the quality of some of the goods, in particular, one line of ham. If your Christmas order was not entirely satisfactory, please contact a member of the A.U.N.A.S. committee and let them know at once. Please give your name, department, order and query. The complaint will be taken up with the appropriate firm.

Historian's Visit

The Vice-Chancellors' Committee, with the British Council, is supporting a visit of New Zealand universities in July and August by Professor Austin Woolrich, of Lancaster University, a distinguished historian who has made major contributions to the study of English politics in the period of the English revolution and Cromwellian Protectorate. He is also a John Milton scholar of international reputation and edited one of the volumes of the Yale edition of Milton's prose works.

Besides lecturing in English and History departments, Professor Woolrich has expressed willingness to talk to conferences of seventh form history students whose compulsory paper for bursary and scholarship examinations is primarily seventeenth century England. Arrangements for the visit are being made by Mr J. C. Davis, reader in history, Victoria University of Wellington.

Loans: Extended credit; various types of loans available at competitive interest rates.

Retail: Discounts; rebates; ID card charges purchases against current balance.

Travel: Complete travel service; loans for members.

Other Services: TV hire; discount on cars and liquor, investment insurance.

Most people seemed pleased to take advantage of the discount prices offered through A.U.N.A.S., which does not make a profit from this venture. The committee, especially the organising sub-committee, gives up much time, at a very busy period, to organise the scheme. The committee thanks those who ordered and supported the offer and those who organised the distribution.

Farewell To Massey Vice-Chancellor

Sir Alan Stewart, the longest-serving member of the Vice-Chancellors' Committee attended his final meeting of the committee in December. He brought to a close an association that extends back over 21 years to the first formal meeting of the committee on 22 June 1961. Sir Alan, as Principal of Massey College, had been involved ever since that date in meetings with Vice-Chancellors which preceded the dissolution of the University of New Zealand and the establishment of autonomous universities. An assiduous attendee of Vice-Chancellors' Committee meetings, Sir Alan missed only five out of a possible 121 meetings between 1961 and 1982. For the statistically minded this represents an attendance rate of 96%. He was Chairman of the Committee in 1969-70 and is currently the longest serving executive head of a university in the Commonwealth.

The Vice-Chancellors' Committee formally recorded its appreciation of Sir Alan's contribution by a resolution reading: "That the Committee place on record its warm appreciation of the leading role played by Sir Alan Stewart, in its establishment and evolution over a period of 21 years; extends its congratulations to him on the high level of achievement of Massey University, and on his contribution to the New Zealand university system as a whole; and extends to him and Lady Stewart the best wishes of members of the Committee for a happy and satisfying retirement."

University Vacancy

TEMPORARY TECHNICIAN (CIVIL ENGINEERING)

Applications are invited for the position of temporary Technician in the Department of Civil Engineering. The appointment will commence as soon as possible and terminate on 31 December 1983.

Applicants should have a good general education and be qualified in fitting and turning with welding experience. The appointee will be concerned with the fabrication and preparation of a range of equipment for research purposes in structural engineering. The salary will be according to qualifications and experience and will be in the range \$946 to \$1,211 per month.

Applications close on 21 February. Conditions of appointment may be obtained from the Registrar.

Forest Study Sponsorship

The Ministry of Maori Affairs has approved a proposal for sponsoring up to six Maori or Pacific Island students to study for the B.F.Sc. in 1983.

A.U.N.A.S. A.G.M. And Picnic

The annual general meeting of A.U.N.A.S. will be held in the Staff Club on Wednesday 16 February at 4.45 p.m. It is hoped that this unusual time will encourage members to attend. Bar facilities will be available at the meeting. Jettie Park is the venue for this year's picnic and the date is Sunday 13 February, commencing at 11.00 a.m. for those who desperately wish to enjoy the heated swimming pool reserved especially for A.U.N.A.S. until 12.30 p.m.

There will be barbecue lunch and liquid refreshments.

Resuscitation Course

The Safety Committee has arranged for a Red Cross tutor to conduct a course in cardio pulmonary resuscitation from 10 a.m. to 12 noon on Tuesday 8 February in the Upper Common Room, Students' Union.

Past courses have proved popular and staff who have not yet attended one are urged to do so. Those who qualified some time ago might wish to brush up on the C.P.R. technique. The charge for the course is \$2.

If demand warrants it, a further course will be held 1-3 p.m. the same day.

Please phone David Johns (89/832) to reserve a place. Tickets will be received up to 5 p.m. on Monday 7 February.

Forester And Engineer

Two Tasman visiting fellows, one in forestry and the other in chemical engineering, will be visiting the University this year. They are Professor Walter Liese, head of the Institute for Wood Biology, University of Hamburg, and Professor William Resnick, a professor of chemical engineering at the Israeli Institute of Technology, Haifa.

The visiting fellowships were endowed by the Tasman Pulp and Paper Company in 1981 to enable experts from New Zealand or overseas to teach and undertake research in forestry, business administration and chemical engineering at the University. This is the second year in which fellowships have been granted.

Professor Liese, a former president of the International Union of Forest Research Organisations, will be at the School of Forestry from 2 March to 28 April. He gained his doctorate at the University of Gottingen and worked in a forest experimental station and in the wood preservation industry before taking up an academic career. He was appointed to the chair of wood biology at Hamburg in 1974 and since then has also headed the Institute for Wood Science, which comprises institutes for wood technology, wood chemistry, wood biology, world forestry and work study organisation in the forest industry.

He has published more than 160 papers, including several books, on the fine structure of wood, bark anatomy, the treatability of wood, the micromorphology of wood decay, bacterial decay and wood preservation.

As a result of his research he has undertaken advisory work for numerous development projects in India, Indonesia, the Philippines, Taiwan, Pakistan, Portugal, South Africa, Australia and the United States.

Professor Resnick, an authority on process analysis and design, energy conservation and mixing and particulate systems, is expected to visit the University from mid-June to mid-September. He will lecture undergraduate students on one of his fields and is expected to participate in an extension course as well as to visit the Tasman company.

Professor Resnick, who gained his Ph.D. at the University of Michigan in 1948, is the author of nearly 50 papers and two books on his special interests. He was a research engineer at the University of Michigan and an assistant professor at the Illinois Institute of Technology before spending five years as a senior lecturer in chemical engineering at the Israeli Institute of Technology, Haifa.

In 1966 Professor Resnick was appointed Wolfson professor of chemical engineering at

Haifa and was Dean of the Chemical Engineering Faculty for 12 years. He has also taught and undertaken research in numerous universities. He was a visiting professor at the University of Minnesota, visiting fellow at

Clare Hall, Cambridge, Royal Society—Israel Academy visiting research professor at Cambridge, and a visiting professor in Denmark, South Africa, North Carolina and, in 1981, in Argentina.

Ten Honorary Degrees To Be Conferred At Auckland Centennial

The University of Auckland has conferred an honorary Mus.D. degree on Dame Kiri te Kanawa, the first of ten honorary doctorates to mark the university's centennial and to recognise contributions in fields ranging from science, literature and the arts to law, commerce and medicine.

The other nine, to be honoured at a centennial assembly on 9 May are the Governor-General (Sir David Beattie); a scientist, Dr E. G. Bollard; a physician, Dr A. O. M. Gilmour; the writer and editor, Dr E. H. McCormick; the accountant and company director, Mr L. N. Ross; a Judge and former Chancellor of the University, Mr Justice G. D. Speight; a Maori elder, Mr Eruera Stirling; Mrs Dorothy Winstone, a worker for community and especially women's groups; and an engineer and mathematician, Professor L. C. Woods.

The Governor-General will receive an honorary doctorate of laws. Sir David graduated LL.B. from Auckland and practised as a barrister and solicitor before being made a Judge of the Supreme Court. He is a former president of the Auckland District Law Society.

Dr Bollard, (D.Sc.), was director of the D.S.I.R.'s Plant Diseases Division until he retired in 1980. Since graduating B.Sc. from Auckland he has had a close association with the university, and was made an honorary professor in 1972. He is currently president of the Royal Society of New Zealand.

Dr Gilmour, (D.Sc.), has practised as a physician in Auckland since 1956, and has held many administrative posts. He has been president of the Royal Australasian College of Physicians and is now chairman of the Medical Council of New Zealand. He was a member of the University Council from 1971-9, and is a clinical reader in the Medical School.

Dr McCormick, though a graduate of Victoria and Cambridge, had had a long association with Auckland University; he has been a senior lecturer, research fellow, editor of the University Press, and is now an honorary fellow in history. He has been a scholar and author for more than 40 years. He was editor of the New Zealand Centennial Publications,

and after serving in the Middle East became chief war archivist. Since then he has written many books on aspects of New Zealand history, literature and the arts. He will be made an honorary doctor of literature.

Mr Ross, (LL.D.), studied at Auckland before qualifying as an accountant. He has been president of the New Zealand Society of Accountants and the Auckland and New Zealand Chambers of Commerce. He is director of 20 companies and chairman of four, including the Bank of New Zealand.

Mr Justice Speight, (LL.D.), was Chancellor of the University for six years until 1980, and has been a member of the University Council since 1965. He graduated LL.B. from Auckland and was Crown Solicitor before becoming a judge. He retired from the High Court Bench last year, and is now Chief Justice of the Cook Islands and a member of the Fijian Court of Appeal.

Mr Eruera Stirling, (D.Litt.), a chiefly elder of the Bay of Plenty Te Whanau-a-Apanui tribe, has lived in Auckland for 30 years. He has developed a new role for traditional Maori scholarship in the city, and fought for the survival of Maori culture in urban settings. He has been associated with the university's Maori Studies section for many years and has helped scholars with their work on Maori language and social life.

Mrs Winstone, (LL.D.), graduated B.A. and Dip.Ed. from Auckland and has had a continuing association with the university, including membership of the Council since 1963. She has also had leading roles in the Federation of University Women (including national president) and the National Council of Women. She was national convener of the International Year of the Child, and is a trustee of the P.M.C. University Hall and the Civic Trust.

Professor Woods, (D.Sc.), is an Auckland graduate who is now professor of mathematics (theory of plasma) at Oxford University. He gained an M.Sc. with honours and B.E. in Auckland, won a Rhodes Scholarship, and completed a D.Phil. at Oxford. He later held a research chair at the University of New South Wales before taking up the Oxford post in 1960. He has made important contributions to aerodynamics and atomic theory.

Antarctic Marine Ecosystem Study



The fourth and final year of a study of Antarctic marine ecosystems by University staff and students has just finished. A team of four from the Zoology Department spent two months investigating the dynamics of marine ecosystems under sea ice and permanent shelf ice in McMurdo Sound.

The leader of the team was Professor George Knox, who has been a regular visitor to the Antarctic for the last 20 years. Assisting him were Mr Noel Shanks, Miss Tracey Osborne and Mr Jonathan Peacey, all students of Zoology. For the last two weeks of the season they were joined by Dr James Rounick, from the Institute of Nuclear Sciences, D.S.I.R., Lower Hutt.

During the first two seasons of the study, Professor Knox examined the marine communities living under the permanent ice shelf near White Island, south of Scott Base. So little light penetrates the thick ice shelf that

photosynthesis is impossible. Food for the rich community of animals living on the sea floor there is carried in by currents from the outer parts of McMurdo Sound, where photosynthesis can take place under the thin sea ice.

The following season his group monitored a site 12 kilometres west of Scott Base for the entire season. Finally, this season he studied three sites across McMurdo Sound, near Scott Base on Ross Island, in the middle of McMurdo Sound, and near the coastline. At each station, his group examined the physical, chemical and biological characteristics of the seawater from just under the ice to a depth of 300 metres. Each station was in a different water mass and the biological productivity of each was quite different. The area in the middle of McMurdo Sound was found to be the most productive.

One special aspect of the work was a study of the population dynamics of the ice edge *euphausiid euphausia crystallophias*.

Professor Knox (left) demonstrates his sampling technique to four visitors to Scott Base, Antarctica. Looking on are (left to right): Commodore Robin Ellison, Deputy Chief of Naval Staff; Royal New Zealand Navy; Mr C. D. Beeby, Assistant Secretary with the Ministry of Foreign Affairs; Mr Warren Hawkey, Surveyor-General, Department of Lands and Survey; and Dr Colin Maiden, Vice-Chancellor of Auckland University. Professor Knox was on his twelfth visit to Antarctica since his first visit in 1960.

Photograph by Antarctic Division, D.S.I.R.

This small shrimp-like creature is the main food of the Minke whale, now the commonest of the whale species.

Professor Knox is the immediate past president of SCAR, the Scientific Committee on Antarctic Research. This international body organises and co-ordinates all scientific research in Antarctica.

Universities in New Zealand generally make better provision for the disabled than other tertiary institutions according to a survey by Christopher Bridgman and Martin Alexander, published by the Further Education for the Disabled Group.

Their booklet, *Further Education for Disabled People: A New Zealand Survey*, published with the assistance of the Accident Compensation Corporation and the J. R. McKenzie Education Foundation, says that in Britain there are about two disabled university students per 1000 enrolments and in polytechnics eight per 1000. The reverse applied in New Zealand because the universities generally made better provision for the disabled. Also New Zealand polytechnics provided far fewer bridging courses into further and higher education than those offered in Britain.

The survey said it was disappointing to find only seven institutions had courses designed with disabled students in mind. The University of Canterbury, it said, had shown considerable awareness not only in designing some courses with disabled students in mind, but in designing its Computer Science building especially to cater for disabled students. Computer science, it said, is a field in which many disabled students have shown a considerable interest.

The authors say disabled New Zealanders are disproportionately under-represented in tertiary education, with about 280 enrolled in 1981. This was probably due, in part, to misconceptions and omissions on the part of disabled potential students about the provisions tertiary institutions make and by the institutions about the needs of disabled students. The failure to publicise what provisions are made; and negative preconceptions about threats to established practices of special provision for the disabled.

There are also practical difficulties—poor physical access and lack of facilities.

Referring to facilities at individual institutions, the survey says of Canterbury: "Overall, this institution shows a definite awareness of the disabled student's needs and is meeting them adequately."

"The University of Canterbury has a fixed admission policy for disabled students which is formally approved by a controlling body and available in written form."

While there may be some courses in which a person with a disability may be unable to participate, the University attempts to accommodate all such students as much as possible. The Computer Science building

University Wins Praise

was especially designed to facilitate the integration of disabled (and able-bodied) students.

"Concessions made in examinations and assessment are subject to good reasons being given. However a good range of assistance is available."

"Much in the way of services available and assistance given to disabled students depends on their willingness to identify themselves and their disability to welfare staff, having identified themselves, every effort is made to rectify any problems the students may have, both before and during the course of study."

"While liaison between the University and social agencies is infrequent it is of very good quality. The University and its staff are open to negotiations for improvements in provisions and suggested adaptations to courses. Constant improvements are expected in response to demands."

In its recommendations the survey suggests that the Education Department and U.G.C. establish a national policy on disabled students for all tertiary education institutions, that each institution should re-examine its individual practices in the light of information contained in the survey, establish a systematic procedure, implement positive discrimination programmes towards the disabled in admissions policy, involve welfare staff officially, actively market their presence to encourage the disabled to enrol and publish a guide to provisions for the disabled.

It also recommends that consideration be given to developing courses designed with the disabled specifically in mind, that pre-enrolment orientation courses be provided and that institutions evolve a procedure for the systematic referral of identified disabled students to welfare services.

It asks each institution to designate a staff member to have special responsibility for assisting disabled students, to continue to appreciate the need for special provisions for examining and assessing, and to provide more human and material aids.

It also recommends that all student and training associations formulate a policy declaring some willingness and responsibility in assisting disabled students.

In a foreword to the publication, Ann Ballin (Student Health and Counselling Services) who was chairman of the New Zealand Committee for the International Year of the Disabled Person, says that in comparison with one or two major western countries, New Zealand has been slow to develop tertiary education facilities for its disabled citizens.

"Nevertheless, this study demonstrates very well the real progress that has been made in physical access and access to study in general," she says. "We hope it will show the way to all those hopeful people who may have thought that the road to further education was closed to them. Increased demand for education services should destroy that well-known circular argument, which denies the need for improved facilities on the basis of there being such small numbers presenting. Those who are correctly informed know that few will seek to enter any institution where their needs are neither understood nor catered for, no matter what their qualifications and latent talents."

"Furthermore, the educational possibilities for people whose voices are limited by their educational level than those of the able-bodied."

"Our purpose when we came together as a committee was to gather facts. In the process we are aware of the service providers encountered what a colleague described as the classical dissonance—that is, a conflict between undeniably good intention and the real needs of the user. And that, in a word, is anger and the solutions follow by a loss of the desire to continue. Such is the stuff of any part of social history; but we know that it is simply a stage in the normal course of events and the solutions follow if good will and the desire to learn by mistakes on both sides prevail."

Insurance Of Personal Effects

Responsibility for the safety and safe-keeping of personal effects left on the University premises rests with the owner and staff are reminded that they should investigate the nature of their personal insurance of such effects.

Staff who leave personal effects on University premises are advised to compile a record of them and to take up with their own insurers the adequacy of any existing cover. A householder's comprehensive policy would cover personal effects on University premises.

As the University's fire risk policy is extended to include the personal effects and equipment of staff members while they are in buildings owned by the University, the cover is a comprehensive one limited to \$1000 for any one staff member. It will apply only in the absence of other insurance provision by the person concerned.

New University Publications

We could scarcely do without fungi, of which there are an estimated 100,000 species. Our bread, wine and beer would be flat, there would be no wonder drugs like penicillin, we would probably be overwhelmed by dead plant and animal material and our steaks would have to be faced without mushrooms.

Clearly fungi are important. And Greta Stevenson's *Field Guide To Fungi*, one of two books just published by the University's Publications Committee, will add considerably to our knowledge of and interest in the larger fungi.

The 122pp book, complete with glossary and index, is spiral-bound for easy use in the field and is complete with numerous illustrations to assist in identification and classification. As Dr Stevenson says in her preface, the emphasis is on relationships of fungi, on the whole group, rather than on learning names blindly for individuals. The natural basis for classification is emphasised so that students may know the fungi class by class, order by order, and in this way be able to deal with new specimens as they are found by slotting them into their family niche.

But the book is intended not only for the serious student. The tyro will benefit from the commentators' advice—"go slowly, scratch in the litter and pry into odd corners, particularly if they are damp." And remember, too, that the richest harvest follows after a hot, dry summer, with the onset of solid autumn rain, not too late but while the air is still fairly warm.

And it is pleasing to learn so charmingly about the conopsea, red *Amanita muscaria*, fruiting under pines and birches with unfurling gill-veils. "The abundance of *A. muscaria*," says Dr Stevenson, "has led to its becoming the over-exploited *Mona Lisa* of mycology, whose brightly coloured face has been the subject of pages of innumerable glossy magazines. To most people it personifies the Toadstool."

When he returned to Christchurch for the centennial celebrations of Boyd's High School in 1981, Professor E. A. Judge, professor of Latin at Macquarie University, also delivered the fourth Broadhead Memorial Lecture; and it is the script of the lecture that makes the second publication. It is *Rank and Status in the World of the Caesars and St Paul* (40pp).

Professor Judge is in a peculiarly advantageous position to talk, or write, about societies in ancient times. The Ancient History Documentary Research Centre at Macquarie holds the only working collection of unpublished papyrus documents in this

Fungi And Papyrus

part of the world and the Macquarie Library holds a collection of published editions of papyrus texts. The papyrus offer the most direct access to the experiences of ordinary people in antiquity, provided their affairs were of sufficient importance to be worth registering in writing. Thus, they offer a lower, or different, documentation of community life than was provided by the literati or by coins or inscriptions.

The book provides examples from early Christian times to illustrate Professor Judge's assertion that in the vivid details of the papyrus documents, today's scholars can have an authentic point of contact with the past. It is a help if one reads Greek, but the easy Guide combination of classicist and historian, scholar and teacher enable those with little Latin and less Greek to take an intelligent interest.

James Dean Returns

Remember James Dean?—no, silly, not the one who used to live downstream of Ilam a generation or two back; he was John and the surname was Deane, anyway. No, we refer to the late film actor of only one generation back. He's been somewhat eclipsed by similarly deceased chaps like Elvis and John, but there are, it seems, still people about who are prepared to purchase preposterously pretentious publications like *James Dean, a portrait* by Roy Schatt (Sidgwick and Jackson, \$12.95) which somehow arrived on the editor's desk with a note discreetly asking for a review.

Schatt knew young Dean for 18 months or so in the early fifties and in attempting to establish some sort of cult following shot a series of photographs for *Life* (remember it?) which the magazine didn't use. They are known as *aficionados* as the "Tom Swisher" series and there are 16pp of them in the book, with Jim looking cool, belligerent, soulful, sexy and contrived in the same old way. Each picture cries out, also, in vain, for a joke caption.

There are also 26pp of recollections, which Schatt hopes "will transmit a glimpse of his... perhaps eternal presence." The other half of the book consists of dozens of pictures Schatt took of Dean and Dean took of Schatt and the epilogue sums it all up: "We still remember him, but in 28 years since he died the world has changed and he would have changed with it. If only we were 28 years younger—but we're not."

How To Overcome Jet Lag

An anti-jet lag diet devised by the Argentine National Laboratory, Illinois, is said to be helping travellers to adjust their bodies' internal clocks to new time zones rapidly and it is summarised here for the benefit of staff travelling long distances on leave.

Three steps are recommended to avoid jet lag.

1. Determine breakfast time at the destination on day of arrival.

2. Feast-Fast-Feast-Fast. Start four days before breakfast time as determined in Step 1. On Day 1, feast—eat heartily with high protein breakfast and lunch and a high carbohydrate dinner. No tea or coffee except between 3 p.m. and 5 p.m. On Day 2, eat only light meals of salads, light soups, fruits and juices. Again, no tea or coffee except between 3 p.m. and 5 p.m. On Day 3, feast again and Day 4, go back to light meals. If you drink caffeinated beverages, take them in the morning when travelling west or between 6 p.m. and 11 p.m. when travelling east.

3. Break the final "fast" at the destination breakfast time. No alcohol on the plane. If the flight is long enough, sleep until normal breakfast time at destination, but no later. Wake up and feast on high protein breakfast. Stay awake and be active. Continue the day's meals according to mealtimes at the destination.

Courteney Shearer Remembered

A Canterbury land and skyscape painting by W. A. Sutton was unveiled in the Engineering Library before Christmas by Mrs Doreen Shearer and the Dean of Engineering, Professor David Sims, in memory of Courteney Shearer, the first Engineering Librarian, who died in 1978.

In expressing thanks to those who had contributed to the purchase of the painting in her husband's memory, Mrs Shearer said that what had been said and written about Courteney emphasised what he had done for others, but she knew how much he had appreciated the support others had given him within the University.

Professor R. H. T. Bates (Electronic and Electrical Engineering) has been admitted as a visiting member of the Institution of Biomedical Engineering (Australia).

Alan Flack

Members of the University were saddened to learn of the death on 20 December of Alan Flack, a lecturer in the Physics Department from 1965 until his retirement in 1979.

Alan William Flack was born in the London Suburb of Stoke Newington in 1913. He attended with distinction in the City of London School from 1921, training for scholarships. He won an open Exhibition to St John's College, Cambridge, taking the Tripos in physics and mathematics. Skilled in many sports, he represented Cambridge in badminton and travelled widely in Europe.

Alan was fond of fast motor cars. He had the distinction of driving from Piccadilly Circus to the gates of St John's College in under one hour. Describing this exploit, he would sadly shake his head, explaining that it would never be repeated—no pride, but a comment on the density of traffic in modern London.

With his classical education (including Greek, Latin, French and German), Alan took Civil Service exams and elected in 1937 to serve in the Indian Service. He became well versed in Indian law, communal relations, Sanskrit, Hindi and its associated dialects, tropical hygiene and surveying. To complete self-education he made horse riding a hobby and a pastime. But exams were not all: as Alan remarked, "London before the war with an Austin 7 and six pounds a week was a pretty good place".

The mode of transport for new appointees to India was a P & O liner, Alan,

with three other young service recruits, drove the 8,000 miles to Srinagar. He had many positions in India: district officer, magistrate, judge and superintendent of a jail. His expertise ranged from riot control and countering subversive propaganda in local politics to the finer points involved in the purchase of elephants. He was responsible for an area with a population of three million people. He witnessed the events surrounding Indian independence and fully chronicled his experiences, always conscious of the value of such documents to future historians.

After the events of 1948, Alan and his wife Joan (whom he had met in Dargjeeling in 1941) sought sanctuary in New Zealand from war-torn Europe. In Christchurch he tutored privately in physics and mathematics for University Entrance. After assisting in the Physics laboratories, he was appointed a lecturer in 1965.

His interests covered the history of physics, the development of scientific institutions and astronomy. He had a passion for the declining art of visual celestial navigation. He contributed his time to local museums.

Physics Students Win Rhodes And Cambridge Trust Scholarships

Two of the premier overseas scholarships available to New Zealanders were won by students of the Physics Department last year.

One of two Rhodes Scholarships went to Mr Ashwin Gover and David Wiltshire was awarded one of the first Cambridge Trust scholarships to be offered to New Zealand students.

Mr Gover, who was dux of Tauranga Boys' College in 1979, won a junior scholarship to the University and has completed a B.Sc. (Hons) in physics.

He is interested in research into quantum mechanics and general relativity and hopes to pursue an academic career.

Mr Gover was an outstanding rower at schoolboy level and he rowed for the University in last Easter's inter-university tournament. He is also active in surf lifesaving.

Mr Wiltshire is undertaking research for a master's degree in theoretical physics, plans to use his Cambridge Trust scholarship, together with a University Grants Committee post-graduate scholarship, to go to Cambridge in October to begin research on quantum gravity, especially its effects on the early universe, for a Ph.D. degree.

The scholarship, awarded for the first time last year, enables Cambridge University to offer up to five places to New Zealand

Alan was always a perfectionist. On his retirement in January 1979 a social gathering was held in the Physics Department. After thanking the staff for its presentation he took a wad of notes from his pocket and proceeded to suggest ways of improving the laboratories and teaching courses.

Alan Flack was above all, a scholar. It showed in the copious notes and letters left from the days of the British Raj and in his desire to install in the young a passion for learning. He strove always for the highest standards and was meticulous and demanding. Some perhaps found his attitude (known but many recognised) the value of his dedication against what he considered fading standards in the world. Though his career in India might suggest otherwise, he had no time for the pompous and was quick to see the bogus.

This colourful, polite, and dedicated colleague had led a full and varied life and contributed much. He was also a man of fun: his riddles, Chinese puzzles, conundrums and mine of stories, will be missed as will the constant reminders he gave by his own example of the educated person.

graduates of high academic ability.

Mr Wiltshire, whose early education was at Freyberg High School and Palmerston North Boys' High School, has just completed a B.Sc. honours degree at the age of 20 and is working on a thesis for an M.Sc. He is interested in amateur astronomy as well as folk music and is a keen tramp and mountaineer.

The University has awarded the following scholarships:

Sir George Grey Scholarship: Darryl R. J. Macar.

Senior Scholarships: Ruth E. S. Allen, Timothy C. Bell, David J. Bjil, Clodagh Brownlie, Jeffrey E. Clendon, Thomas J. Conolly, Della G. M. Correa-Hunt, Roger N. Doughty, Pamela M. Lewis, Peter J. Lund, Martin J. Macaulay, Peter J. Marcy, James P. McAlone, Warren B. Mercer, Matthew J. Naylor, Warwick A. Norton, Gary K. Ovington, Andrew G. Riddell, Malcolm D. S. Robbins, Anthony J. Robins, Gillian F. Rodley, Soh Tew Seng, Hariah J. H. Stewart, Douglas G. Strain, Anne T. Tully, Paul R. Van Gardingen, Nicola M. Ward, Neville Watson, and Peter J. Williams. A. Williams, John Young, Sarah E. Young.

Notices

Requirements For Accident Compensation Cover On Overseas Leave

Staff going on leave overseas can seek accident compensation cover if they observe certain rules laid down by the Accident Compensation Corporation and if the leave falls within the corporation's definition.

Section 60 of the Accident Compensation Act 1972 makes provision for the extension of accident compensation cover to persons who are temporarily absent from New Zealand. In general terms any persons who are entitled to cover under the earners' scheme immediately before their departure shall be deemed to be covered under the scheme for personal injury by accident that happens outside New Zealand within 12 months from the date on which they last left New Zealand. This applies only if they intend to be absent from New Zealand temporarily, and exclusively or principally for the purposes of their employment in New Zealand, and while they remain outside New Zealand they continue to derive earnings from that employment.

The Accident Compensation Corporation agreed that the legislation provided cover for staff members, who, for the purposes of their employment, were travelling on study leave or special leave to attend conferences and so on. The Corporation advised as follows:

"The situation is that provided adequate information is given on the reasons for the departure of University staff overseas in terms of fellowships, sabbatical leave etc. where this is clearly for the purposes of their New Zealand employment at a University, cover will apply; however, it will be essential in each case to supply details of the individual or individuals concerned, their itinerary, where possible, and the period of their absence outside New Zealand.

"The Corporation must record the names of the persons concerned to avoid problems should a claim be made under the Act. In essence therefore, cover will apply under the circumstances as I have just related, but the terms of the absence outside New Zealand in relation to the employment in New Zealand must be clearly reviewed in order that the Corporation can ensure the legislative provisions of the Act are being met."

All staff members travelling overseas for the purposes of their employment are urged to advise the Accident Compensation Corporation, Private Bag, Wellington, of the details required and to obtain formal confirmation that the Corporation accepts liability for extension of the scheme for the period of absence overseas. This action should be taken before departure, and should be

followed for each occasion that overseas travel is undertaken for the purposes of your employment.

Attention is also drawn to the need to consider the question of personal insurance cover. The level of benefits under the Accident Compensation Act may fall short of costs that could arise in another country. Staff members are urged to discuss this with their travel agent, and consider taking out appropriate travel insurance cover (which normally would extend to personal effects as well as medical and accident cover).

Forthcoming Events

Brochures containing details of the following forthcoming conferences and events may be seen at the Registry course.

British universities' summer schools, 1983 (Birmingham, Bristol, London and Oxford). Brochures inviting graduate study at Hertford College, Oxford.

British Council courses on Video and English Language Teaching, in London, in October and Communicative Activities and Drama in the Teaching of English, in London, 30 October-11 November.

Summer seminars at Scandinavian universities this year.

The British Council Newsletter, containing details of courses designed to interest senior academic and professional people who seek both to learn about recent developments in Britain relating to their field of work and to participate in international discussion at a high level.

An address by Professor Mohamed Kassar, president of the International Union for the Conservation of Nature and Natural Resources, who is a member of the selection panel for the 1984 Rolex Awards for Enterprise, launching the new Rolex Awards, by which five persons will receive prizes of 50,000 Swiss francs each for enterprise in applied sciences, invention, exploration, discovery and the environment. Application forms and rules may be obtained from the Rolex Awards for Enterprise, P.O. Box 173, 1211 Geneva 26, Switzerland, and must be returned completed by 31 March.

Bridge lessons available with experienced teacher, beginning Monday 7 February. A small, keen and friendly group would like a few more enthusiastic members. Further enquiries phone 357 5200.

THE LIBRARY
UNIVERSITY OF CANTERBURY
CHRISTCHURCH, N.Z.

Scholarships Guide

Copies of the *Scholarships Guide for Commonwealth Postgraduate Students (1983-85)* and *Grants For Study Visits by University Administrators and Librarians* are available for inspection at the Scholarships office, Academic Section, Registry. Also available is *Awards for Commonwealth University Academic Staff (1981-82)* a copy of which is also in the Library.

Use Of Order Forms

Staff are reminded that University order forms must not be used by staff members to make private purchases.

Persons entrusted with the control and use of order books have been instructed not to accept requests by staff for personal purchases at advantageous rates. The order books are for University purchases only.

Alcohol Study Award

The Alcoholic Liquor Advisory Council offers financial assistance in New Zealand to encourage study, observation or research on a subject related to its interest. Preference is given to those who, in their careers, are likely to be associated with alcohol-related problems. If overseas travel is involved a return economy fare is provided and if the award is taken up in New Zealand suitable relocation expenses are met. In other respects the value of the award is not fixed, but is determined in each case on such factors as seniority, dependents, location and expected additional costs. Current rates are: Level 1, \$17,150; Level 2, \$19,400; Level 3, \$21,785; Level 4, \$26,372. Applications, closing on 1 July, should be made on the relevant form obtainable from the Executive Office, Alcoholic Liquor Advisory Council, P.O. Box 5023, Wellington.

Subject Conferences

The following inter-university subject conferences have been approved for 1983-4: Linguistics; University of Auckland; Organiser, Dr R. Clark, Department of Anthropology, University of Auckland; May.

Computer Science; Victoria University; organiser, Mr B. E. Bouie, Department of Computer Science, Victoria University, September.

Art History; University of Auckland; organiser, Mr M. R. Dunn, Department of Art History, University of Auckland, 6-9 May.

Notices

Provident Fund Superannuation Scheme For Non-Permanent Staff

Members of the staff of the University classified as non-permanent (i.e. wage workers, part-time or temporary employees) who do not contribute to the Government superannuation scheme, are able to contribute to the National Provident Fund employer-subsidised National Superannuation Scheme. Non-permanent employees would also include lecturers who although employed throughout the year only work 2-4 days per week and for whom there is no guarantee of employment to retiring age. Cleaning staff (full-time and part-time), maintenance staff etc would be included in this category.

The National Provident Fund National Superannuation Scheme provides the following:

- (1) The employee makes regular contributions of such amount as he chooses expressed as a percentage of gross income, usually between 1% - 5%. This is matched 5 for 5 by the employer.
- (2) The employee credit attracts interest and bonus, currently 10.5% compounding annually. As the earning rate of the National Provident Fund increases so too will the interest and bonus to employee credits be increased.
- (3) The scheme provides full portability with other approved employer-subsidised pension schemes.
- (4) Retirement age is at any time after age 60 except in the case of illness or disablement when it may be earlier.
- (5) There are several retirement options available, including a 25% lump sum option.
- (6) The investment is protected in the event of death prior to electing to accept a retirement benefit.
- (7) Pensions payable to persons age 60 and over, who have been contributors to the fund for 5 years or longer, are adjusted each year as cost of living increases warrant and as reserves allow.
- (8) Withdrawal from the scheme is permitted if contributors leave the current subsidising employer.
- (9) There is no requirement for a medical examination.
- (10) Contributions to the scheme may be claimed for taxation purposes as allowed by the current tax regulations.

Any staff members who think they would be eligible for membership of the National

Provident Fund National Superannuation Scheme should contact the local representative, Fraser M. Robertson, 159 Manchester Street, P.O. Box 155, Christchurch, Phone 790-250 (Bus.), 799-634 (Pvt) to arrange an appointment.

Applications For Research Assistants

Applications are invited from members of staff wishing to obtain grants for research assistants for the period 1 April to 30 June 1983.

Applications should be made on the appropriate form, stocks of which are available in the Registry Concourse. Applications should be sent to the Registrar (Accounts section) through the Head of Department and should reach the Registry by Friday 25 February. Enquiries should be made to Mr J. R. Davies, Registry Accounts, (Ext. 717).

It should be noted that grants made in September last year (reference 82/3/x) are available only to pay for services rendered up to 31 March 1983, and this should be taken into account when applying for grants for this period.

Applications will again be called for in April for the period 1 July to 30 September.

Staff are advised that for a fair assessment of their applications they should provide information about their project and, if it is a continuing project, information about results already obtained. An applicant who has more than one project for which he seeks support should include such projects on one form and place them in order of priority.

The maximum rate of payment for 1983-84 is 94.00 per hour.

RTZ Bursaries

Rio Tinto-Zinc Corporation has instituted awards for research and advanced courses in a field connected with the discovery, mining and beneficiation of minerals. An award of a research bursary is made on an annual basis, renewable normally for up to three years. The advanced course bursary provides support for attendance in an appropriate one-year postgraduate course leading, for suitably qualified candidates, to the M.Sc. and D.C. Further information and application forms can be obtained from: The Registrar, Imperial College of Science and Technology, London SW7 2AZ. The closing date is 31 March.

Cook Research Fellowship

Applications closing on 31 May are invited for the sixth Captain James Cook Fellowship to be taken up in early 1984. Fellowship brochures and application forms may be obtained from any New Zealand Embassy or High Commission or from the Royal Society of New Zealand, Private Bag, Wellington.

The fellowship is awarded to one person of senior status for two years (extendable to three) to carry out research within New Zealand or the South-west Pacific region in any appropriate field such as the following subjects taken in their broadest sense or in any other relevant field: anthropology, biology, geography, geology, geophysics, history, medicine or oceanography. The successful applicant typically would have at least 5 years' post-doctoral experience, have published results of original research and be between 30 and 50 years old. The successful applicant will be based at a New Zealand university or research institution.

The salary will be equivalent to the maximum for an associate professor in New Zealand universities. A travel grant will be paid equivalent to economy air fare to and from New Zealand for the fellow, spouse and dependent children under 16, plus an allowance for the transport of limited personal effects. Reasonable travel expenses incurred in connection with the research will also be paid.

The successful applicant will be expected to take up the fellowship within six months of appointment in September 1983.

Social Science Research

The Social Sciences Research Fund Committee invites applications from individuals or research teams for grants in support of research projects in the social sciences. Closing dates for applications are 31 January and 31 July annually. Late applications are not acceptable.

Further information and copies of the S.S.R.F.C. Handbook are available from: The Secretary, Social Sciences Research Fund Committee, P.O. Box 1052, Wellington.

The N.Z. Neurological Foundation offers research grants and a research fellowship for research in neurology in the widest sense. Applications close 1 April and 1 September. Details and application forms available from L. I. Hart, Secretary, N.Z. Neurological Foundation, Box 947, Auckland.