



Prof. Paulay first New Zealander to head international earthquake engineering body

Professor Tom Paulay, Emeritus Professor of Civil Engineering, has been elected President of the International Association of Earthquake Engineering (IAEE) for the four year period 1992-1996. The election took place at the General Assembly of national delegates of the 39 member countries of the IAEE at the 10th World Conference on Earthquake Engineering (10WCEE) which was held in Madrid, Spain, from 19 to 24 July.

This represents a considerable honour for Professor Paulay and for the University of Canterbury. It is the first time that a New Zealander has been elected President of IAEE.

The IAEE was formed in 1963 and has as its objective the promotion of international cooperation amongst scientists and engineers in the field of earthquake engineering through interchange of knowledge, ideas, and results of research and practical experience. Its central office is located in Tokyo, Japan. Professor Paulay has been a Director of the IAEE since 1984. At 10WCEE Professor Bob Park, head of



Civil Engineering, was also made a Director of the IAEE for the period 1992-96.

The 10WCEE was attended by more than 1500 registrants and more than 1400 papers were presented in 10 concurrent sessions. The proceedings of 10WCEE weigh 15

kilograms. At 10WCEE Professor Park presented an invited paper entitled "Simulated Seismic Load Tests on Reinforced Concrete Elements and Structures" and members of the Department of Civil Engineering presented five other technical papers.

The 40-cm high carving of Ruaumoko, the Maori god of earthquakes and volcanoes normally on permanent display in the Library of the School of Engineering, was taken to Madrid by its guardian Professor Park for display at 10WCEE. It was carved in the 1960s by Mr Charles Tuarau when he was the Chief Carver of Wellington's Dominion Museum and presented to an American earthquake engineering specialist, Mr Karl Steinbrugge, who returned it to New Zealand in 1991.

The outline of Ruaumoko was adopted as the logo of the IAEE in 1965. At 10WCEE Ruaumoko was prominently displayed on the rostrum at the opening and closing ceremonies. Ruaumoko made the return journey from Spain safely and is now back on its plinth on display in the Engineering Library.

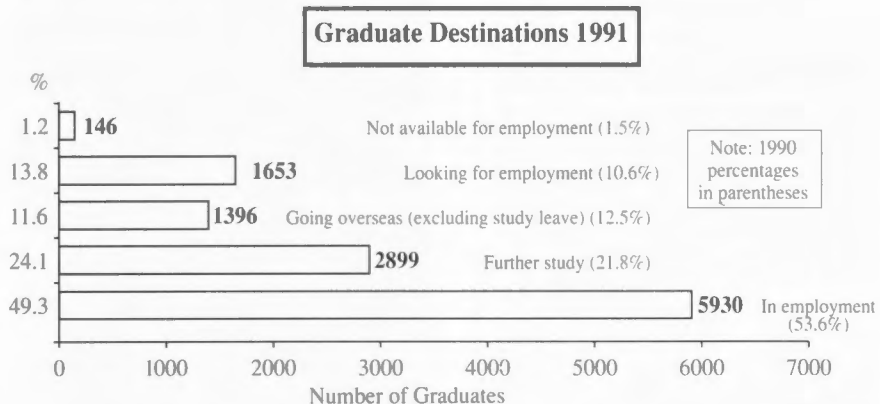
Graduates still have an advantage in job market

The graduate is still likely to have very definite advantages over non-graduates in the job market, according to the 1991 report from the New Zealand Vice-Chancellors' Committee.

However, in the current situation of high unemployment, university graduates may find they are more likely than in the past to need clear ideas about why they want to join a particular organisation and what they have to offer.

This 18th report on graduate employment covers those graduating between 1 June 1990 and 31 May 1991. The total number of graduates was 13,115, an increase of 6.5% on 1990.

The percentage of respondents entering or already in employment decreased again this year, as it has done successively over past years since 1985. The report suggests that the present difficulty in gaining employment may account for larger percentages continuing further tertiary study, a substantial increase in numbers since 1987.



The largest employer groups continue to be Business Services and Education Services. The University Careers Advisory Services have noticed continued growth in the use of their facilities by students, and the reality for many is that they have to adopt a flexible attitude towards employment, and be realistic about the level at which they can start work.

It is a very competitive employment environment and, alongside good grades, non-academic factors are playing an increasingly important role. Good communication skills, initiative, enthusiasm, and having a creative and flexible attitude are seen as important adjuncts to a good degree.

Academy for the humanities inaugurated: Two Canterbury staff on interim committee

A meeting in Wellington on 26 June inaugurated a "New Zealand Academy for the Humanities".

The Academy follows discussion of the concept at a meeting of New Zealand Deans of Arts, Humanities and Social Sciences, and subsequent consideration of two discussion papers distributed last November and February to all Universities and to fifty-five organisations whose members work in humanities and social sciences. A meeting in Wellington in April of this year set up a Working Party to design an interim Constitution and to report back to last June's meeting at which the Draft Constitution was approved in principle.

In assessing the possible impact of the new Academy, John Jennings — former Dean of Arts at Canterbury who was convener of the Deans' subcommittee and of the meetings in April and June — says that it is hoped that the Academy will act as a focus for all who consider their work and interests lie within humanities. "Because of a desire to be inclusive no clear definition of humanities has been attempted at this stage. And in recognition of the New Zealand character of the work which is undertaken in New Zealand, it is the intention of the Academy to consult with Te Matawhanui/Maori University Teachers' Association to seek an alternative Maori name for the Academy."

The objects of the new Academy are:

- to promote support for all aspects of the humanities;
- to provide an independent public voice on all matters affecting the humanities to government, commerce, industry, and the media;
- to contribute to the growth of knowledge in the humanities by initiating, co-ordinating and facilitating research, scholarship and publication;
- to organise public lectures, seminars, and conferences;
- to establish and maintain contacts with similar organisations world-wide; and

National interest in Journalism seminars

More than 100 secondary school teachers and students from 43 schools throughout New Zealand attended seminars on school newspapers run by the Journalism Department.

The two-day seminars, producing a School Newspaper, were held in Christchurch, Wellington and Auckland as a follow-up to the annual school newspaper of the year competition organised by the department.

The seminars covered basic writing and sub-editing skills, story selection, interviewing and relevant ethical issues.

Journalism head Jim Tully said the department planned a three-day course for secondary teachers next May, the focus of which would be assisting teachers prepare and resource sixth form journalism programmes.

to recognise distinguished service to the humanities.

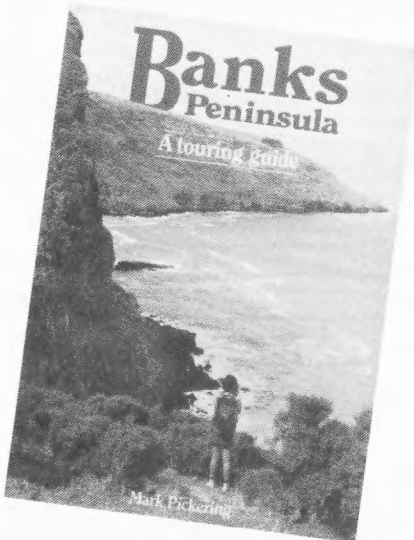
The Interim Council comprises Professor John Barsby (Classics, University of Otago), Dr Richard Benton (New Zealand Council for Educational Research/Polynesian Society, Wellington), Mary Houston (New Zealand Federation of University Women/New Zealand Association for the Teaching of English, Wellington), John Jennings (Music, Canterbury), Grant McMillan (New Zealand Educational Institute, Christchurch), Jonathan Mané-Wheoki (Fine Arts, Canterbury), Professor Graeme Oddie (Philosophy, Massey), Dr Brian Opie (English, Victoria University of Wellington), Dr Anne O'Rourke (New Zealand for Music Therapy, Wellington).

At the Interim Council's first meeting, Brian Opie was elected President, Anne O'Rourke Secretary, and Mary Houston, Treasurer.

An Interim Council has been set up — and has already met — to continue the drafting of the final Constitution, and to consider ways in which the objects of the Academy can be made known to prospective members. "It is important that the Academy build up a strong and representative membership base; the Academy will succeed only if it can attract members who are committed to its objects — to promote activities in the humanities and to increase public understanding of humanities," says John Jennings who can be contacted at the School of Music (extension 6177 or 6183) for membership forms.

A guidebook to Banks Peninsula

Written by local travel writer Mark Pickering, *Banks Peninsula: A touring guide* describes the roads, beaches, tracks, and historic places and how to get to them, says University Press managing editor, Mike Bradstock.



The book, which includes 4 pages of colour photographs and 11 maps, retails for \$19.95. Copies may, however, be ordered by staff directly from the University Press at a special discount price of \$13.00 per copy (cheque required with order).

School of Forestry enters into a research agreement with industry and a CRI

Since the advent of user-pays in research, the traditional approach of government research organisations to universities has been one of competition.

A recently completed agreement between the School of Forestry (SOF), NZ Forest Research Institute (NZFRI), Tasman Forestry Ltd, Carter Holt Harvey Ltd, and Proseed (NZ) Ltd, changes competition to cooperation. The industrial partners will fund a new Seed Orchard Research Group to the level of some \$90,000 per year for a 3 year period. The major research providers (SOF & NZFRI) will utilise the bulk of that funding under an agreed (and shared) research programme. School of Forestry Research is at present coming from Professor Geoff Sweet and postgraduate students Ross Dickson, Yetty Setiawati and Iskandar Siregar. The agreement, which has resulted in considerably improved industry as well as research cooperation in this area, is being examined as a model for future university/CRI linkages with the forest industry.

Reading by 4 Wellington poets

The English Department and the University Bookshop have combined to sponsor a reading by four Wellington Poets at the Elizabeth Kelly Room, Arts Centre, 8pm, on Friday 14 August.

Wellington's four major poets, Bill Manhire, Jenny Bornholdt, Dinah Hawken and Gregory O'Brien, will feature in the reading. Admission is \$3 and refreshments will be served.

Bill Manhire is one of New Zealand's pre-eminent poets. His most recent volume *Milky Way Bar* was a finalist in this year's Goodman-Fielder-Wattie Book Award, and winner of the NZ Book Award for poetry. He has published four previous collections of poetry. His *Zoetropes: Poems 1972-1982* (1984) also won a New Zealand Book Award.

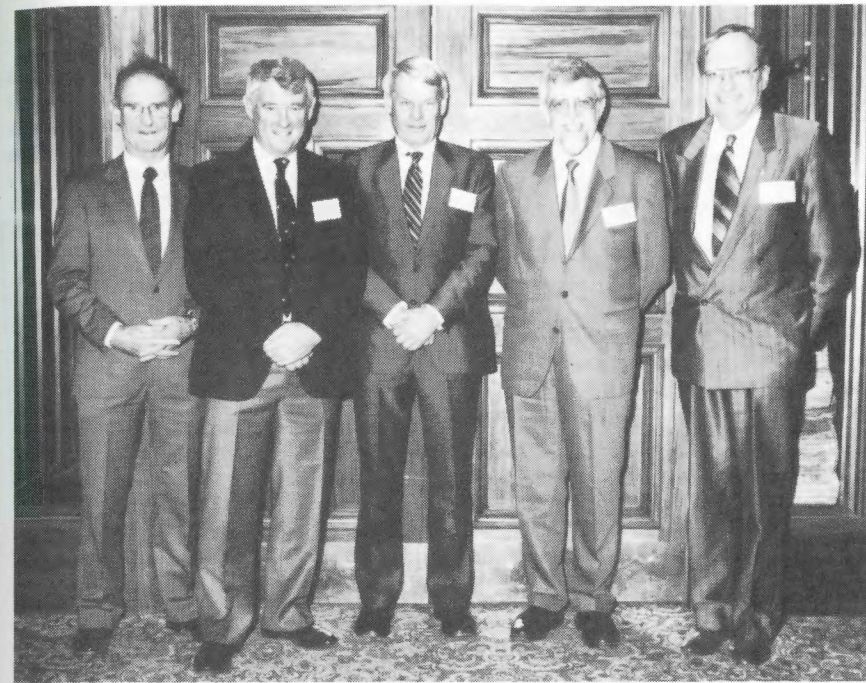
Jenny Bornholdt was born in the Lower Hutt. Her most recent volume of poetry *Waiting Shelter* was published in 1991, and is based on a 1990 journey through Europe. Two earlier collections, *This Big Face* (1988) and *Moving House* (1989) were short listed for the NZ Book Awards.

Dinah Hawken has published two volumes of poetry, *It has No Sound and is Blue* (1988) and a new collection *Small Stories of Devotion* (1991).

Gregory O'Brien has published a novel *Diesel Mystic* (1989) and several books of poetry including *Location of the Least Person* (1987) and *Great Lake* (1991).

Reservations may be made at the University Bookshop.

CAE project on "The reliability of electricity supply"



Participating in the opening social function for the CAE "Reliability of Electricity Supply" Project Workshop were (from left) Dr Alex Sutherland (Dean of Engineering), Dr Roy Billinton (University of Saskatchewan), Mr Ian Leggat (Chancellor), Professor Ron Allan (UMIST) and Mr John Blakeley (CAE Executive Director).

Graphics display system generates 3-D images

Three dimensional images are now being displayed on the Cathode Ray Sphere (CRS), an experimental system being developed in the graphics research laboratory of the Electrical and Electronic Engineering Department.

Dr Barry Blundell (EEE), who heads the CRS research team, says the system has gone from being a 3-D display with potential to one which has proved its potential but is still in a relatively primitive state. He is seeking support for further development work.

Last week images such as a water molecule, a house and an outline of Saturn were displayed along with a piston (see photo) generated by a computer-aided design package. The next stage is to animate those static 3-D images using a new sphere and a different type of display screen.

The CRS works by creating a cylindrical display volume as a thin rectangular plate rotates at high speed inside a glass sphere. One side of the plate is coated with phosphorescent material and conventional cathode ray tube electron guns are used to fire electron beams at the plate.

By controlling the beams with a computer three dimensional images are generated. The image is truly three dimensional in that it can be viewed from any orientation, unlike hologram-type systems. Furthermore, special viewing glasses are not required.

Dr Blundell says progress has been rapid this year thanks to the efforts of two EEE PhD students, Damon Horrell and Adam Schwarz, both physics honours graduates.

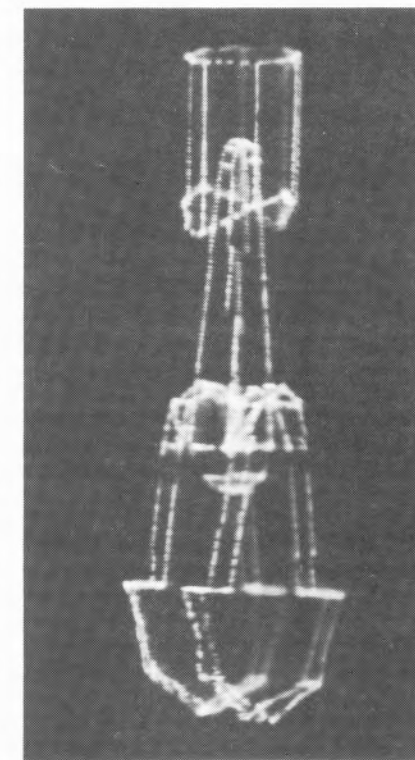


Photo by Duncan Shaw-Brown, AV Centre

Currently, images are being produced using 65,000 voxels (volume pixels). Dr Blundell and his team are seeking three-dimensional data of actual images, such as planetary orbits or molecular structures, to further test the system.

A Project Workshop on "The Reliability of Electricity Supply" was held in Christchurch from 4-6 August as part of the major project for 1992 of the Centre for Advanced Engineering.

Special guests at the Workshop were the two Visiting Fellows who are world authorities in this field: Dr Roy Billinton, Associate Dean, Graduate Studies Research and Extension, College of Engineering at the University of Saskatchewan in Canada; and Professor Ron Allan, Department of Electrical Engineering and Electronics, University of Manchester Institute of Science and Technology, England.

Over 60 people from throughout New Zealand with expertise in this field attended the Workshop for an intensive three days of discussion and debate.

The Workshop was followed by three one-day seminars — two in Wellington and one in Auckland — where Dr Billinton and Professor Allan were able to address a much wider total audience of over 150 people on this subject.

A comprehensive final report on the CAE Project is expected to be completed in the next few months and released early in 1993.

Electricity "Crisis"

University electricity consumption has been increasing in recent years at a rather alarming rate. In six years it has increased 32% despite conservation measures taken during this period. This has been attributed to factors such as increased student numbers, longer operating hours, increasing use of computers and added floor area. This year the trend continued until early June with an 8.5% increase over last year.

In the second week of June "the crisis" hit the nation and a remarkable reversal of growth trends occurred on Campus. The 8.5% increase in electricity consumption has changed to a 16.8% contraction in an 8 week period compared with a similar period last year.

This saving was achieved with very few centrally controlled actions (6 lifts were shut down and some lighting de-energised). It came from voluntary action from Campus occupants, without compromising safety and with what appeared to be a minimal disruption to the smooth functioning of the University. It came from awareness that electricity wastage had to be avoided.

The savings achieved in the 8 week period was enough to power approximately 200 households (331000 units) and reduced the University energy bill by \$27,000.

All staff and students are to be congratulated in assisting to avoid a national crisis of electricity blackouts and at the same time reducing the University's energy costs.

What about maintaining the habits learnt during the crisis of avoiding wastage by turning off unnecessary lights and appliances?

Statement of Objectives adopted

The University's Statement of Objectives for 1993-95 was formally adopted at the 5 August University Council meeting.

The objectives specified are a mixture of directly measurable outputs, desired trends and management targets aimed at ensuring the Charter of the University is being followed. Many have measurable indicators, some have proxy indicators and others have no readily available indicator.

The statement specifies the indicators to be used and appendices give their current numerical values and their target values, be they ratios, percentages or absolutes.

The four general objectives adopted are: To provide teaching services leading to the academic awards listed; to maintain the research activities of staff and students; to increase the number and proportion of graduate students enrolled; and to maintain its contribution of expertise to wider community issues. Indicators are specified.

The second group of objectives are closely related to the University Charter. Clauses from the Charter are matched with specific relevant objectives and the indicators needed to monitor progress.

The Statement of Objectives was drafted by a small group within the policy and resources committee, comprising Dr John George (Management), Professor Bevan Clarke (Accountancy) and Professor Harry McCallion (Mechanical Engineering). It was presented to all faculties and the Students' Association before being recommended for adoption by the Academic Board.

The Vice-Chancellor, Professor Brownlie, said the Statement of Objectives was a new requirement brought about by the education reforms. It tied in with Government funding and reporting requirements and the final EFTS estimates were the basis for future funding. The Statement would be reviewed annually.

The Statement was welcomed by members of Council, a number of whom gave notice they would suggest improvements as part of the ongoing review process.

The Chancellor, Mr Ian Leggat, summarised debate: The Statement of Objectives was primarily a funding document which would change and develop over time; the major review of access to the University and of limitation of entry, for example, would have an effect; the Statement should be seen in association with the Academic Audit Unit (see below) as a means of guaranteeing the continued quality of the University's programmes.

"It is an interesting exposure to what modern scholars have to deal with in terms of inputs, outputs, objectives and indicators," he concluded.

Academic Audit Unit

Council gave its support in principle for the establishment of an Academic Audit Unit under the auspices of the Vice-Chancellors' Committee. The Unit would review the academic programmes of all universities in the country on an approximate five-year basis as part of a quality assurance scheme.

At present support in principle is being sought at every university before the detail of the Unit's procedures are decided.

The proposal arose out of a quality assurance workshop held in May under the auspices of the VCC's Committee on University Academic Programmes.

Professor John Burrows (Law), one of Canterbury's representatives at the workshop, said the New Zealand Qualifications Authority had indicated the proposal was fully compatible with its own role. NZQA would want to see the Unit's reports but would allow the universities to be self monitoring, he said.

The cost of such a unit would be spread among all universities but would not be great as only a minimal secretariat comprising a full-time secretary and part-time director was envisaged, Professor Burrows said.

Liberal Studies intakes closed

There will be no new student intake in Liberal Studies next year although current students will be able to complete their qualifications.

Liberal Studies Board Acting Chairperson, Mr Brian O'Rourke, reported that a 60% decrease in student enrolments over the last two years was the reason for recommending no new intake. The two main causes of the decline in enrolments were changes to procedures for adult entry and a significant increase in Liberal Studies fees.

Professor Brownlie said the decline was an unintended consequence of new legislation which allowed those aged 20 or more to enrol at university automatically. Previously the Liberal Studies Certificate had been taken as an entry requirement. Now those students were enrolling in the New Start programme and then going on to enrol for a BA. Nine of the 12 Liberal Studies courses offered were Stage I courses, he said.

First year enrolments in Liberal Studies peaked in 1985 at 144, but had dropped to 29 in 1992. Total student numbers were down from a high of 283 to 78 this year.

Canterbury shows what it has to offer

Anyone thinking of enrolling at Canterbury next year, as well as those who are advising students about university study, will have the chance to find out about the courses on offer during a two-day seminar programme this month.

During the 24th and 25th of August each department will give a 45-minute presentation, including what the subject is about, how it's taught, where it leads to, and any special requirements. At the end of each presentation questions will be welcomed. As well, the Liaison Officer Mr Ken Wilson-Pyne will be available to answer questions in the lecture theatre foyer on each of the days.

Visitors will be free to visit the Library, Recreation Centre, the Students' Union, and the Halls of Residence. It will be possible to visit some departments at anytime, but others only at set times or by arrangement. Details will be published on noticeboards in the lecture block and outside the Library.

Anyone wanting a programme of the seminar should contact Mrs J. Fielder of the Liaison Office, ext. 8994.

German limitation

Council approved a limitation of entry of 350 students in German 113: Introduction to German History and Culture.

Equal educational opportunities

Council has asked the Academic Administration Committee to set up a sub-committee with power to co-opt to develop the Equal Educational Opportunities Programme and consider related issues.

Council received a paper outlining areas where equal educational opportunity issues were being dealt with before approving the sub-committee motion put by UCSA President Ms Joan Smith.

Professor Brownlie said an Equal Employment Opportunity Programme had been adopted in 1991 and the administration was satisfied the University provided equal opportunities in education as well as employment. But perhaps it was a case of being self-satisfied, he said, in endorsing the idea of an equal educational opportunity programme.

Management Department

It was the turn of the Management Department to report to Council. Dr John George, Head of Management, spoke to a report he had prepared and answered questions from Council members.

Carrying boxes urgently needed

Warehouse staff are appealing for the return of some 2,500 "carrying boxes" used for shifting books etc.

Costing \$5 each, the boxes are urgently needed for packing stock to be moved in the shift to the new School of Law.

Departments and individual staff storing the boxes are asked to return them to the Warehouse or to phone its supervisor Bob Brown (ext. 8493), who will arrange collection.

 University of Canterbury

Subject Information Seminar...
for all Prospective Students

**Monday, Tuesday
24, 25 August 1992
10 am to 4 pm**

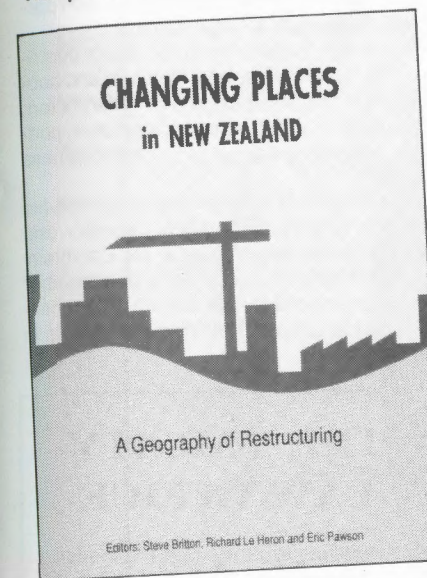
Geographers combine to analyse restructuring

UNIVERSITY OF CANTERBURY

17 AUG 1992

LIBRARY.

Fifty geographers from around the country have combined to present a collective statement on the nation's decade of restructuring from a geographers' viewpoint.



Co-edited by Dr Eric Pawson, senior lecturer in geography, *Changing Places in New Zealand: A Geography of Restructuring* contains contributions from six Canterbury staff and six Canterbury postgraduate students.

The preface notes that the speed of change, especially since 1984, has meant that "informed public debate has lagged behind on many issues, if indeed it has occurred at all." There had been little analytical consideration of the outcomes of policies, even within Government.

There had been some published comment, particularly from economists and political scientists, but it was the geographers' professional body, the New Zealand Geographical Society, which provided the impetus for this first comprehensive assessment of the context and results of restructuring.

Changing Places examines the restructuring process in a global context, analyses the roles of the state, companies and labour in the process, and explores its impact on sectors of the economy, social groups and localities. In demonstrating the geographically uneven results of restructuring, it questions the desirability of pursuing policies formulated in the national interest without reference to people and places.

Changing Places is an up-to-date analysis of the state of the nation, supported by much newly assembled data and fully illustrated with graphics and maps. The material is divided into 12 chapters on topics such as internationalisation of the economy, companies, the state sector and the environment, and incorporates 61 short case studies of firms, industries, places etc. Contributions were solicited from professional geographers in universities and the public and private sectors and edited into a coherent whole.

Writing in the 1 August *Listener*, economist Brian Easton praises geographers for their multi-disciplinary approach, their strength in maps and graphics and for producing a book which is "a tribute to a very much alive geography profession."

"Because it looks at what happens to people in places (he mentions Kaikohe, Devonport, Hokianga, Kaikoura, Patea and Te Kuiti) the book captures the turmoil Rogernomics caused New Zealanders much better than any dry economists' book (including those to which I have contributed)," he writes.

Dr Pawson, who took over as co-editor on the death of Steve Britton, an Auckland University geographer, said one of the strengths of the book is the diverse background of contributors. Most professional geographers belong to the NZ Geographical Society so the contributions

reflect a geographical spread as well as a wide range of professional interests.

"One of the motives for getting the book under way was our belief that those who formulate policies have very little understanding of how policies affect people and places," he said.

Other motivating factors were a belief that geographers working as a collective could make a more effective statement than a number of individual academics could, and the opportunity to counter the view that debate on restructuring had been captured by people with a narrow economic perspective.

Changing Places features a cover design by Russell Kirkpatrick, a 1991 Canterbury PhD graduate and now director of a new cartographic consultancy. It is 328-pages long, costs \$25 and is available at the University Bookshop and through NZ Geographical Society branches.

New exhibition at SFA Gallery

"A Comfortable Environment", an installation by John Johnston, will show at the School of Fine Arts Gallery from August 17-21.

John is currently engaged in post graduate studies at the School of Fine Arts. He is the first person to study for a Bachelor of Fine Arts Honours Degree in Painting at the university. "A Comfortable Environment" uses store bought consumer products to raise questions about consumerism, art and the destruction of the environment.

Outstanding success for film students at Short Film Festival

Students and graduates from the School of Fine Arts' film courses were outstandingly successful at last month's inaugural Short Film Festival.

University of Canterbury-trained students won three of the seven major awards and filled runner-up spots in three other categories.

The Canterbury Short Film Festival, held between 22 and 24 July at the Academy Cinema, was the first national competitive festival for short films. Of the 75 entries 20% were from Canterbury students, past and present.

Film lecturer Bill de Friez said he was delighted with the success achieved by film students who studied at Canterbury.

"It was an excellent performance considering they were competing against entries from professional film makers around the country. One of the entries had even been highly commended at the Cannes Film Festival," he said. (*Mon Desir*, by Nicky Marshall and Katherine Fry, was based on a short story by this year's writer-in-residence, Fiona Farrell).

The award for Best Canterbury Production went to a final-year film student, Michael Brown, for *Tuning In*, the story of a man's descent into mediated psychosis and nihilist fantasy.

The award for the Best Student Film went to Jane Murphy, a 1991 graduate, for *Three Women*, a subjective exploration of three women's experiences of late pregnancy, birth and short period thereafter.

The prize for the Best Experimental Film was awarded to Deidre McKessar, another final-year student, for *Cyclic*, which used photographic stills as a basis for animated imagery exploring female/male relationships.

The three runner-up awards went to: *Tuning In*, runner-up in the Best Overall Film category; Jillian Grant, a final-year student, for *Earth Bound*, which was runner-up in the Best Documentary section; and to May Trubuhovich, another final-year student, for *Speak*, runner-up in the Best Animation category.

Five more Erskine Fellows to arrive this year

The Department of Electrical and Electronic Engineering will host two of the final five Erskine Fellows for 1992. Mechanical Engineering and the Departments of Economics, and Philosophy and Religious Studies will host the others.

Associate Professor James Reilly, of the Department of Electrical and Computing Engineering, McMaster University, Canada, will take up a fellowship in the Department of Electrical and Electronic Engineering from 7 September 1992 to 8 August 1993.

Professor Reilly's specialist fields cover advanced digital signal processing techniques, including array processing and VLSI architectures, and modern numerical methods and linear algebra.

Whilst at Canterbury he will contribute to the Masters course, teaching on the applications of linear algebra in signal processing. He will give lectures to final year undergraduate and second professional year students. Professor Reilly will also be involved in postgraduate research work.

He gained his PhD at McMaster University and went on to spend five years at Bell-Northern research laboratories, before returning as a staff member of the University. Professor Reilly has maintained close contacts with industry at research level and is an Industrial Research Fellow of the Natural Sciences and Engineering Research Council.

Professor Alastair Walker, associate professor in the Department of Electrical Engineering at the University of Witwatersrand, Johannesburg, will take up a two month fellowship from 7 September to 9 October.

Professor Walker's field is computer engineering, specialising in software engineering. His present research interest is software renewal or software re-engineering. He is widely published in the *International Journal of Electrical Engineering Education* and his research in the area of Programme Description Language should be of considerable interest.

Professor Walker did his first degree and his PhD at the University of Witwatersrand, and joined the staff there as a junior lecturer in 1970. He is a member of the South African Institute of Electrical Engineers.

Professor John Cottingham, head of philosophy at the University of Reading, will be based in the Philosophy and Religious

Studies Department from 3 September to 8 October.

Professor Cottingham's specialist interests are the history of philosophy, especially Descartes and the rationalists, ethics and the philosophy of law. He will deliver lectures in all these areas as well as giving two public lectures on Descartes ("The Divine Light of Reason", 8pm, Tuesday 15 September in A3; "The Disappearing Soul", 8pm, Tuesday 22 September in A3 — further details in forthcoming *Chronicles*).

Professor Cottingham is an acknowledged authority on the philosophy of the seventeenth century. His books include *Rationalism* (1984), *Descartes* (1986), *The Rationalists* (1988) and *A Descartes Dictionary* (1992). He is co-translator of the new Cambridge edition of *The Philosophical Writings of Descartes* and has also published extensively in the field of modern ethics and philosophy of law.

He took his MA DPhil at Oxford and has lectured in philosophy at Oxford and Reading, where he was promoted to professor in 1990.

Professor Kenneth Entwistle, professor of metallurgy at the University of Manchester, UK, will be based in the Department of Mechanical Engineering from 1 September to 20 October.

Professor Entwistle's interests lie in the fields of the mechanical behaviour of materials; the effective application of materials in engineering components; point defects in metals; and the precipitation strengthening of metals. He will give 24 lectures on these topics during his time at Canterbury.

Professor Entwistle has been an adviser to the Chief Executive of the Universities Funding Council on Engineering and Materials Science since 1989 and he will hold a faculty seminar on this area of special interest — the funding and organisation of UK universities.

Professor Michael Parkin, professor of economics at the University of Western Ontario, Canada, will take up a one month fellowship in the Department of Economics from 1 September to 1 October.

Professor Parkin's specialist fields are macroeconomic theory and applications; monetary theory and policy; and international monetary economics.

While at Canterbury he will give lectures to the Commerce, Science and Arts faculties. Topics will include controlling inflation in small open economies, and recent developments in macroeconomic theory and applications. It is also proposed that he gives a public lecture on macroeconomics with particular reference to New Zealand.

Professor Parkin has made major contributions to the professional literature and public policy debates in the analysis of inflation, unemployment, monetary transmission, portfolio selection, incomes policy and business cycles.

British born, Professor Parkin gained his first degree at the University of Leicester, and gained his Masters degree at the University of Manchester. Having taught at a number of British universities, he took up his appointment at the University of Western Ontario in 1975.

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ANTHONY HARPER

115 Kilmore Street, Christchurch

Jubilate Singers get into the Spanish swing

John Pattinson, Head of General Studies for the Centre for Continuing Education and conductor of the Jubilate Singers, will lead his choir on a spectacular musical adventure later this month.

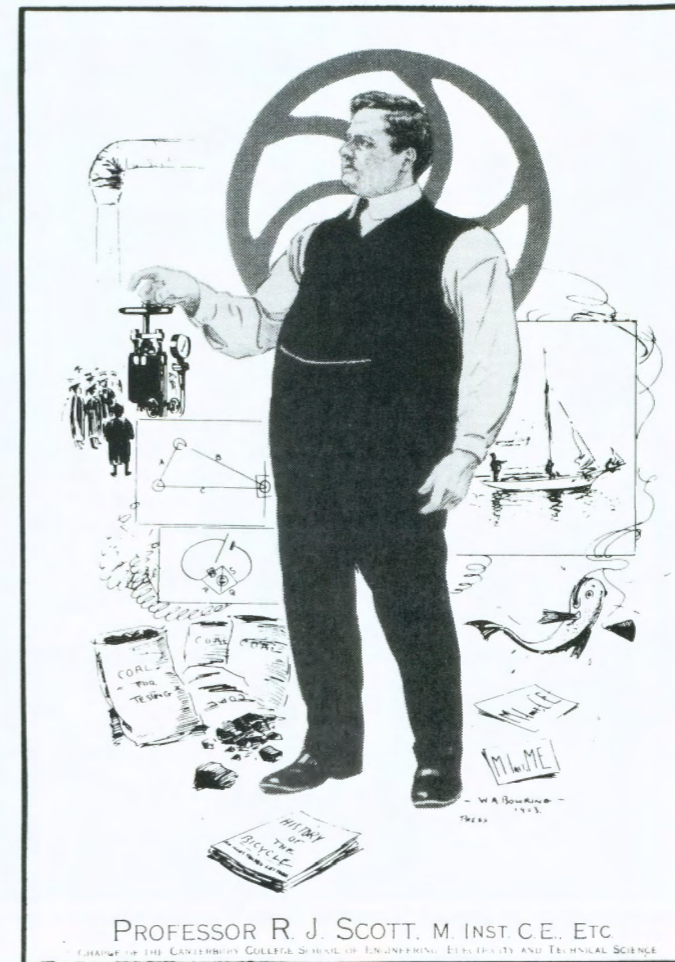
They will join the Paco Peña Flamenco Company in a performance of 'Misa Flamenca', a choral piece scored for three guitarists, four flamenco singers, a dancer, a percussionist and choir. Singing in Spanish (the choir has been working with language coach Maria Paz-Diaz) they will present the traditional elements of a sung Mass in a form far removed from anything you are likely to hear in the local church. At times moving and majestic, at other times dazzlingly upbeat, accompanied by "Ole's", foot-

stamping and brilliantly intricate guitar work, the Misa has stretched a choir well-known for its ability to master a wide range of musical styles.

"It helps to have a work which is immediately likeable," says John Pattinson. "The choir has taken this one to heart — we're waiting with bated breath for the first rehearsal with the company from Spain. It's really very exciting for us."

Misa Flamenca will be performed in the Christchurch Town Hall on Thursday, August 27th. On the following night Paco Peña and his company will perform in the role for which they have become internationally renowned, recreating the authentic atmosphere of the 'cafe cantantes' of Andalusia in that unique fusion of music, song and dance summed up by a single word — flamenco.

"Loppy" returns to old haunts



A framed cartoon of one of the founding lecturers of the School of Engineering has unexpectedly come to light, and been passed on as a gift for the School to enjoy.

Professor Robert Julian Scott, by all accounts a larger-than-life personality, was called "Loppy" because of his ungainly walk. Diana Neutze, author of the early chapters of the history of the School written at the time of its centennial, writes this of him: "Scott's dash and daring at sea, his authoritarian manner, the great bulk of the man — he was very tall and broad and his eating and drinking were commensurate with his size — all combined to create numbers of Scott stories."

Robert Julian was first cousin to Captain Robert Falcon Scott, the Antarctic explorer, and he was a very keen sailor. "In the early days of the School," writes Diana Neutze, "it

was common for staff and students to be invited to cruise with him round Banks Peninsula."

Well, it would seem that in 1903 W.A. Bowring captured something of the man and his interests in a cartoon. This framed original, along with much other material, including architectural drawings from trips to Europe and the yacht, was inherited by Scott's protegée, Admiral Sir Peter Phipps. Sir Peter in turn left Scott's material to his son, Peter.

"Out of the blue" says Diana Neutze, Peter Phipps offered the cartoon to her, knowing of her involvement with the history. She accepted it on behalf of the School of Engineering which is currently having it restored after the depredations of the passing years.

Town site and Arts Centre photos sought

Dr Glyn Strange is seeking photographs or other pictorial material relating to the development of the Arts Centre during the last two decades, and to its previous hundred years as the site of secondary and tertiary educational institutions.

The best materials available will be included in a planned pictorial history which will emphasise the site, the buildings and the uses to which they have been put over the years. It is hoped to add the rare, unofficial and even offbeat items that may be found in private collections to those readily available in public archives.

All contributions will be acknowledged and materials will be returned safely to their owners as quickly as possible. If you can help please contact Dr Strange c/- PO Box 21-120 or telephone 355 3547, Christchurch.

Advertisements

Wanted to rent

Professional couple from Australia, new to Christchurch, require home or apartment to mind from September 15 for 3 months. References available. Contact 351 8548.

For sale

Ownership flat: \$160,000 o.n.o. 11am/Upper Riccarton. Low Maintenance. Private and sunny. Quiet cul-de-sac. 3 bedrooms. For more information phone ext. 6499 or 642 499 any time.

...

Modern style open plan family home. Two livingrooms, dining, modern kitchen, four bedrooms, study and a carport. Warm (underfloor electric heating plus wood stove), sunny with private garden area. Great indoor/outdoor living. Five minutes from University and College of Education, two minutes from Burnside High School, choice location. \$177,000. Phone 642 982 or ext. 6982 during work hours, or 358 2450 a.h.

...

Honda CRX 1983. Red/silver, 1.5 litre, fuel-injected, five-speed, electric sunroof, radio etc. Excellent condition. \$7,900. Phone 358 4837.

...

IBM Electric golfball typewriter. Not correctable, works well. \$120 o.n.o. Phone ext. 7288/8172, or 351 6686.

House sitting

Mature female student (33 years) studying full-time for MBA available to house-sit and care for your animals from August onwards. Impeccable references from previous house-sits (this year). Loves animals (especially cats). Phone Helen 358 8571 (until August 24th) then 348 7382.

Wanted to buy

If anybody or any Department has old PC-XTs or PC-ATs suitable for giving away or sale at a nominal price and suitable for a local primary school, please contact Ray Hunt, Computer Science, ext. 6347.

Tuition

Private tuition offered to Bursary level in physics, maths and chemistry. Phone ext. 7288/8172, or 351 6686.

Life Insurance
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Pipe organ capital of New Zealand

From 1850 to 1885 Canterbury was the centre for pipe organs in New Zealand and the author of a recently published book on the subject says there's one main reason for that happening here, and not the North Island. "There was nothing to hinder prosperity in the South Island. We had gold, we had sheep, and we didn't have wars, and we didn't have the huge amounts of bush to cut down first. Whereas the European pioneers in the North island — the last thing they had on their minds were ecclesiastical ornaments."

Author and organist Ronald Newton did a performance degree at the University of Canterbury and, after working for some time in Wanganui and California, decided to return to do honours papers in musicology. His research for one of those papers has provided this fascinating and valuable book.

Organa Cantuariensia: pipe organs in Canterbury 1850-1885 — a documentation has been published by the School of Music, with support from the Lilburn Trust, as part of "The Canterbury Series of Bibliographies, Catalogues and Source Documents in Music."

Series editor, and senior lecturer in the School of Music, Brian Pritchard says of Mr Newton's work: "Not only does he amass an immense amount of technical information, but he also opens a fascinating window on the history of many of Canterbury's ecclesiastical institutions."

As Mr Newton says, "There are all kinds of ecclesiastical and political things involved with pipe organs. The Methodists bought them as soon as they could afford them because singing was a very important part of going to church. The Presbyterians didn't have any kind of instruments in churches until the 1870s because instrumental music wasn't authorised at all. And Anglicans were divided between low and high church." Generally pipe organs were placed at the back of the church to support congregational singing, but High Anglicans wanted them up near the chancel to accompany the choir.

The first four ships brought the early European Canterbury settlers. The fifth arrived in February 1851, carrying supplies for schools and churches, including a bell,



Roman Catholic Cathedral of the Blessed Sacrament. Organ in present position in West Gallery.

a set of choir robes and very small pipe organ. A considerable number of other pipe organs were brought out in subsequent years, but in 1875 the first factory was established in Kaiapoi, marking the beginning of the local industry.

Many of those early pipe organs have survived very well and Ronald Newton's book is illustrated with forty plates, including 14 in full colour, revealing what a work of art many of them are. His researches have also thrown up some delightful stories. Until the turn of the century all pipe organs bellows were pumped by the hand of a bellow blower

who, however lowly his station in life, obviously had considerable power at the time. This story from the *Lyttelton Times* of November 1879:

"The new organ at the Roman Catholic Church in Barbadoes Street was formally opened yesterday morning at the 11 o'clock mass. The strains of the organ were heard after the procession. Professor Hughes playing a "Voluntary" in which tasteful modulations were most pleasing so long as they were not very loud. When, however, he tried to show the power of the instrument at his command that too frequently neglected individual, the blower, asserted himself and let out the wind. Fortunately the blower was contented with the sensation he had thus created and did not endeavour to repeat the effect."

The Canterbury Series of Bibliographies, Catalogues and Source Documents in Music

Books in the *Series* document diverse aspects of the musical heritage of New Zealand, and Canterbury in particular. Already much source material from past decades has vanished and the *Series* is helping to preserve what has survived, and make it available in a convenient form.

Already published

Selected Source Readings on Musical Activity in the Canterbury Settlement, 1850-1880:

Brian W. Pritchard

A Calendar of References to Music in Christchurch Newspapers, 1851-1860: David Beattie

An Annotated Bibliography of nineteenth-century New Zealand Songbooks:

Robert H.B. Hoksins

Let the children play: the first twenty-five years of the Christchurch School of Instrumental Music 1955-1980: John M. Jennings

Music at National Archives: Sources for the study of music in New Zealand: Ross Harvey
In preparation

The greatest ornaments of their profession: the New Zealand tours by the Simonsen Opera Companies: Adrienne Simpson.

All are available from:

The School of Music, University of Canterbury, Private Bag 4800, Christchurch.

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