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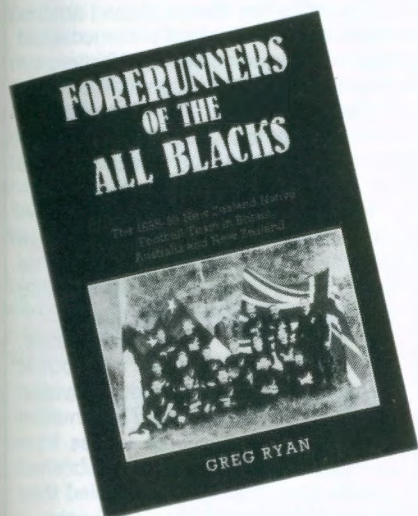
University of Canterbury Christchurch New Zealand



Busy round of book launches for CU Press

In the first two weeks of September the Canterbury University Press launched its newest titles, offering three very different books.

The first to be published is an account of the first international rugby team ever to tour Britain. Not the 1905-6 All Blacks, but the Native team of 1888-89. Written by Greg Ryan, *Forerunners of the All Blacks* looks at the exploits on and off the field of the New Zealand Native Football Team.



Commerce building designs on show

The seven shortlisted designs for the new Commerce building will be on display from Monday 27 September to Friday 1 October.

A total of 67 firms expressed interest in the Commerce building architectural competition and the selection panel chose seven firms from the 67.

The panel, which will make the final recommendation to the October 6 meeting of the University Council, comprises the Deputy Vice-Chancellor, Professor Bob Park, the Dean of Commerce, Professor Bevan Clarke, the Buildings Registrar, Mr Don Gunn, 2 representatives from the New Zealand Institute of Architects and the University's consulting architect and quantity surveyor.

The brief for the building specifies a multi-storey structure in permanent materials with a net floor area of about 7,000 square metres. The site is at the eastern end of the Zoology building.

Models and artists' perspectives for the seven designs can be viewed in the Council chamber during the week starting on Monday 27 September.

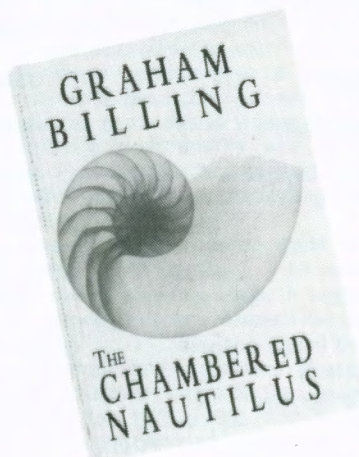
During their tour of Britain they played an astonishing 107 matches in fourteen months. They were a serious rugby team who provided two future national team captains and changed the style of New Zealand rugby for years to come.

They were also often controversial, described as professionals and gamblers. They lost one match after drinking too much champagne, and three players walked off during a test match in protest at refereeing decisions.

They were undoubtedly a colourful bunch. This is their fascinating, previously untold story. Greg Ryan did his research on the Native team for his M.A. thesis in history at Canterbury, which he completed last year. He has, however, written the book for general readership.

The second of the CUP books is a new novel from a former Writer in Residence at Canterbury, Graham Billing. His first since 1981, it's billed as "a monumental novel in the epic traditions of English prose and poetry."

The Chambered Nautilus explores the courage of a modern Maori woman, Mairekura Dowser, seeking the inner light of her people, and men's fear of the ancient secrets of women. As well, Mairekura's husband Ailwyn is obsessed with the story of an early missionary Jonathan Windseer. The couple discover links between their family and Windseer, and discover a unity between European and Polynesian mythologies. Reflecting on this, they make sense of their friend John Mark Vodanovich's quest for the secrets of the cosmos, seen contained in the mysteries of a deep-sea animal, the chambered nautilus.



Poet Kevin Ireland, in *Quote Unquote*, has written: "Meticulously researched, rich in science, and brilliant and sensuous in its scene-setting, *The Chambered Nautilus* promises to be one of the most controversial of our novels."

Graham Billing's works include his classic *Forbush and the Penguins* and *The Slipway* which won the Hubert Church Award and the New Zealand Prose Fiction Award. He has also published a collection of poetry and documentary books on New Zealand and Antarctica.

He has won the Cowan Prize in Journalism, two Scholarships in Letters, and has been a Robert Burns Fellow at the University of Otago.



The latest CUP publication is *Garden Design: A New Zealand Guide*. The book has been written by a team from the Department of Landscape Architecture at Lincoln University, led by the Head of Department, Dr Simon Swaffield.

It is beautifully presented with colour and black and white photographs, practical working drawings and checklists, making it a practical design manual rather than a "coffee table" book. The aim is to help the gardener think through the issues involved in designing a new garden or remodelling an established one.

Managing Editor Mike Bradstock says the latest titles continue to reflect the University Press' policy of publishing a wide range of books that are both scholarly and appeal to the general reader. Three more books will be published before the end of the year.

Thanks

The Canterbury Blood Transfusion Service would like to thank all those staff and students who were blood donors during the recent visit of the Service's mobile unit.

They collected a total of 198 donations.

University of Canterbury Research Grants 93/94

The results of the recent round of applications for University of Canterbury Research Grants are listed below.

Funds distributed in the 1993/94 University Research round amounted to 750,000 from a total of just over two million dollars worth of applications received.

Name	Dept	Project	Amount
Dr P.J. McElroy	ENCH	Compression Factors of Gas	50,000
Dr B.W. Williamson	CHEM	Matrix Isolation Spectroscopy	44,000
Dr P.W. Harland	CHEM	Oriented Molecular Beams	36,000
Dr K.J. McManus) Dr J.B. Berrill)	ENCI	Earthquake Induced Liquefaction	21,000
Mr R.M. Tobias	CONT	Adult Education and Training	10,000
Dr J. Church	EDUC	Learning in Young Children	6,000
Mr W.K. Kennedy) Mr P.L. Squires)	ENEL	Digital Radio System Development	20,000
Dr C. Carey-Smith	ENEL	Multimedia Information Transmission	12,000
Dr J.C.F. Walker	FORE	Wood Properties	15,000
Assoc. Professor R.M. Kirk	GEOG	Beach Erosion	70,000
Dr J.R. Pettinga) Mrs J.K. Campbell)	GEOL	North Canterbury Tectonics	29,000
Dr D.C. Nobes) Dr D.C. Nobes)	GEOL	Stratigraphy of Canterbury Plains	10,000
Dr D.W. Lewis) Dr J.E. Cookson)	HIST	Christchurch 2000 History	30,000
8 others)			
Dr P.G. Burgess	HIST	British Politics 1603-1618	10,000
Dr T.G. Burnard) Dr M. Francis)	HIST	Colonisation in the English	28,000
Dr M. Williams)	POLS	Speaking World 1500-2000	
Dr J. Henderson	ENGL		
Dr E. Gordon	POLS	Parliamentary Democracy in Pacific Islands	7,000
Dr R.T. Hamilton	LING	New Zealand Speech	15,000
Dr S.R. Dakin	MGMT	Business and Industry in New Zealand	7,000
Dr A.W. McInnes	MGMT	Human Resource Processes	7,000
Prof J.J. Deely) Dr R.K. Beatson)	MATH	Algebraic Approximations	20,000
Dr M.D. Pugh	MATH	Computational Server	18,000
Dr A.S. Tucker	ENME	Wear-Resistant Ceramics	20,000
Dr R.K. Green	ENME	Solar Wall Development	6,667
Prof R.J. Astley	ENME	Methane Fueled Engine	6,667
Mr J.E. Cousins) Mr C. Cree Brown)	ENME	Tyre Noise	6,667
Dr P.M. Harrison	MUSI	Electroacoustic Music	25,000
Dr R.W.G. Syme) Dr G.D. Jones)	PHIL	Tabo Monastery Manuscripts	16,000
Assoc Professor P.H. Butler	PHYS	Spectroscopy of Ionic Crystals	38,000
Dr G.J. Fraser) Dr H.A. von Biel)	PHYS	Plasma Physics	18,000
Dr B.G. Butterfield	PHYS	Antarctic Mesosphere	8,000
Dr J.R.L. Walker	PAMS	Computer Enhanced Image Analysis	50,000
Dr S. Kemp	PAMS	Novel Enzyme Inhibitors	8,000
Ms M. Connolly	PSYC	Value of Goods and Services	6,000
Mr K.R. Daniels	SOWK	Childhood Sexuality	10,000
Dr D.J. McDonald) Mr R. Routledge)	SOWK	Donor Insemination	8,000
Dr D.C. Thorns	SOWK	Child Welfare Outcomes/ Participatory Research Initiatives	6,000
Dr M.E. Forster	SOCI	Housing and Family Wealth	10,000
Dr W. Davison	ZOOL	Hypoxic Vasoconstriction	18,000
Dr D.R. Schiel	ZOOL	Circulatory Physiocology	14,000
	ZOOL	Rocky Shore Ecology	10,000

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For efficient and friendly service at reasonable rates in the areas of property law (buying, selling and renting homes) and small business law.

Staff help sought to develop media log

The Information Office has initiated a media log listing staff who feature in the various news media.

The office has always clipped articles and reports from the local print media and maintains clippings books of University-related stories which appear in *The Press*, *Christchurch Star*, *Dominion Sunday Times* and the local giveaways. In fact the clippings books go back to the University's establishment in 1873.

However, it is not possible to clip from all publications nor to monitor all television and radio broadcasts. The assistance of staff is sought in compiling and maintaining the media register.

Please send details of name, department, topic date and outlet (newspaper, magazine, radio/television programme) to Jeff Field, Information Officer. If photocopies of articles from newspapers and magazines published outside Christchurch are supplied they will be added to the clippings books.

The media log will be published regularly in the *Chronicle* to let staff know the enormous amount of publicity the University of Canterbury generates.

Transit Scholarship

The New Zealand Vice-Chancellors' Committee advises that the Transit Scholarship at PhD level is available for competition in 1993.

Forms may be obtained from: Scholarships Section, Level 3, Registry.

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Longterm sustainability of food production

A forthcoming public lecture by a Visiting Erskine Fellow will pose the highly topical question "Can world food production be sustained?"

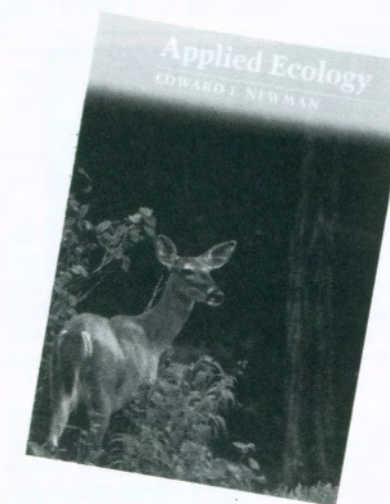
Dr Edward Newman, Reader in the Department of Botany at the University of Bristol, stresses that he's considering a very long timescale, learning in particular from what has happened in Europe in the past. "In fact an alternative title to my lecture could be: *Has farming in Europe ever been sustainable in the longterm?*"

He comments that there are many areas in Europe that have clearly been farmed in the past but are not being farmed today, and the interesting question is why have they stopped being farmed.

Dr Newman, who has a specialist interest in soil-plant relations, will focus much of his lecture on soil. "I will be talking about soil loss from erosion, which is an inevitable consequence of farming, and mineral nutrients and their role in maintaining soil fertility."

With regard to erosion, he makes the point that people can gain from it as well as lose from it. "The fertility of the Canterbury plain is a result of erosion from the mountains, but of course some of the soil ends up in the oceans." Dr Newman will be discussing the rates of increase in soil loss when a forest area has been cleared for the first time and converted to farmland.

On the subject of soil nutrients he will consider the use of artificial fertilisers. "We can make as much as we want, but it does use up a lot of energy. I will be asking how serious that is." Dr Newman will also consider



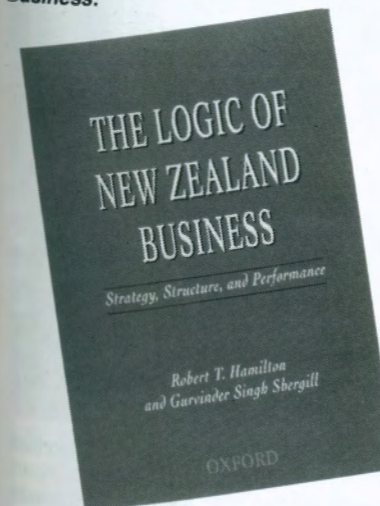
the use of superphosphate in farming; what will we do when it runs out; and what we did before it was commonly used.

Dr Newman will give his lecture on Wednesday 29 September at 1.00 p.m. in Room S2.

He is a visitor in the Department of Plant and Microbial Sciences until early October and has just had published an undergraduate textbook, *Applied Ecology*. In the face of the world's serious environmental problems, the book looks at the way ecological science can be used in the search for solutions. One of its major themes is how resources can be managed and exploited in a sustainable manner.

The relationship between strategy, structure and performance in New Zealand business

Research into the performance of New Zealand companies, using the theory that links strategy and structure to performance, has shown strong evidence confirming those links. It's also led to a book recently published by Robert Hamilton (Management) and Gurdinder Singh Shergill, *The Logic of New Zealand Business*.



Associate Professor Hamilton had been doing work into company failures and found "some companies that I thought must fail that

didn't." Turning to companies that had survived over long periods of time, he identified some that were doing extremely well and better than their contemporaries most of the time. "That left me with the question of why."

The research ultimately published in the book addressed that question. Dr Shergill was interested to take it on as a PhD project and Professor Hamilton says he could not have done the research by himself. "All the data for the book was in written form, in accountancy departments and annual reports. The chore of putting together all that information, checking it and analysing it took 18 months."

In the end the evidence more than supported the strategy, structure, performance theory they used. "It confirms it more strongly than any research has done previously."

Dr Shergill and Professor Hamilton researched a wide range of New Zealand companies from 1975 to 1985. What the data shows is that the best performing companies over that period, by quite a significant margin, were those companies that had diversified to some degree, but in doing so had remained very close to their core competencies.

On its own, however, diversification is not sufficient to ensure good performance. Retaining the traditional functional structure

PhD Fellowship in Edible Fungi

LIBRARY

Crop & Food Research is funding a PhD fellowship in Edible Fungi in cooperation with the Botany Department, University of Otago.

The project is a continuation of existing work carried out by the Edible Fungi group at Invermay Agricultural Centre in the cultivation of ectomycorrhizal fungi with edible fruiting bodies. Of particular interest to the group is *Boletus edulis* although research on other species might also be included in the project.

The fellowship is for \$14,500 per annum up to a period of three years. University fees will be the student's own responsibility.

If you are interested in this project please write to: Dr Ian Hall, Crop & Food Research, Invermay Agricultural Centre, PB, Mosgiel, New Zealand. Fax: +64-3-489 3739.

Memorial Lecture

Professor Miles Kennedy, formerly Deputy Vice-Chancellor of the University, will be presenting a memorial lecture in the Christchurch Town Hall at 7.30 p.m. on Thursday 7 October 1993, to which the public are invited.

The subject is, "Charles Martin: Chemical Engineering Pioneer, Entrepreneur, Educator and Philosopher".

Mr Martin died in December 1990 at the age of 72. He had his own consulting engineering practice in Christchurch for a number of years and specialised in combustion and pollution control.

He contributed a significant amount of time to the School of Engineering, serving on the Faculty and undertaking some teaching and research in the Department of Chemical and Process Engineering.

He was a strong advocate for the establishment of Canterbury for several years prior to its formation.

He also had strong views on engineering education and served for a number of years on the Education Committee of IPENZ.

This event has been organised by the IPENZ Canterbury Branch as a special one-off lecture in memory of Charles Martin and will relate to subjects which he keenly pursued during his lifetime.

can create significant problems. Companies need to adopt the appropriate divisional structure to manage the new company interests. Professor Hamilton says that when the strategy and structure "are working in tandem, very significant performance benefits begin to show. The differences over ten years were quite marked."

He says that none of the companies involved were aware that they were being scrutinised. "We just ferreted around and built a picture we think is pretty accurate."

The Logic of New Zealand Business is aimed at management consultants, accountants, financial advisers and company directors, and could also be used as a text in a number of university courses.

General Staff Women Review Committee

A General Staff Women's Review Committee has been formed and meets on a regular basis.

The review committee was set up to examine the recommendations made in, "The Position of General Staff Women in New Zealand Universities", report commissioned by the AUS and PSA.

Two of the participants in this review committee are also members of the Vice-Chancellors Ad Hoc Committee examining the recommendations.

Copies of the report and notes from the meetings are available through the Committee members:

Colleen Borrie (Asian Languages) ext. 6184
Patsy Clegg (Registry) ext. 8806
Ann Hulston (Computer Services) ext. 6326 (Ad Hoc)
Christine McNeill (Sociology) ext. 6976 (Ad Hoc)
Karen Pipe (PAMS) ext. 6737 (Chairperson)
Kate Scott (Macmillan Brown Centre) ext. 6957
Tracey South (Library) ext. 8709

This will be an ongoing committee reviewing the implementation of the recommendations.

Any participation, queries or suggestions are most welcome.

Can we help you???

Are you going overseas in 1994? We are three male students who will be completing stage three in 1994, all undertaking studies towards professional degrees. We require accommodation from late February to mid-November and would like to house-sit. Excellent character references are available on request and we are willing to pay rent and/or bond. If you can help us we can help you. Please call us — Nick, Mike and Jason, phone 351 8892 asap.

Forging forestry links with Indonesia

A delegation from Indonesia recently visited the School of Forestry at the initiative of the Joint Committee for Forestry Cooperation (JCFC) established in 1991.

A New Zealand forestry mission visited Indonesia in June of that year and it was decided that the JCFC should be formed to take an overview role in facilitating forestry cooperation between the two countries.

During the course of their visit the Indonesian visitors have been familiarising themselves with the New Zealand forestry sector. Both countries are exploring the prospects for increased opportunities in consultancy and training and for the exchange of technology and research.

The School of Forestry has for some time been accepting graduate Indonesian students, as well as doing considerable consultancy work in Indonesia which, as an alternative to using its natural forests of tropical timber, has established an extensive plantation forestry programme. The Indonesian Ministry of Forestry has drawn up

Visitor contributes expertise on fire resistance in wood

Dr Marc Janssens, a fire scientist with the American Forest and Paper Association, Washington DC, (AFPA) recently visited the Department of Civil Engineering to contribute to a Foundation for Research, Science and Technology (FRST) project on the fire resistance of timber buildings.

He was here at the invitation of Dr Andrew Buchanan, who is project leader for the FRST project. Dr Buchanan is investigating fire safety in timber buildings, supported by Civil Engineering staff members Dr Athol Carr and Dr Peter Moss, and PhD student Geoff Thomas.

Dr Janssens is a member of the research group within the Engineering Department of the AFPA, a North American trade association covering the United States and Canada, which represents 70% of those countries' forest and paper companies. He is involved in fundamental research on the fire resistance of wood, which will contribute to markets for structural timber beyond the turn of the century.

In the United States, as well as a large share of commercial building, 99% of residential construction is wood framed. In New Zealand light timber framing is widespread in single and two storey domestic buildings where specific design for fire is not required. However, recent changes to the New Zealand Building Code have created new opportunities for timber construction, especially in low-rise construction such as hotels, motels, hostels and apartments.

Essentially, the changes in the Code allow for greater flexibility in building design, but shift the onus onto the designer to demonstrate that a building is safe. Dr Janssens is impressed by the steps New Zealand has taken in this area. "It's setting an example for the rest of the world by adopting a truly performance-based code. We now need a number of engineering tools to demonstrate that the criteria have been



met. As far as fire engineering is concerned, that is a very new field."

The University of Canterbury project is investigating the fire resistance of light timber frame walls of the type used in residential construction, with timber studs lined with gypsum plaster board. Geoff Thomas is using computer models to simulate fire exposure on one side of a wall, considering heat transfer into the wall, charring of the studs and loss of load bearing capacity, possibly leading to structural collapse. The goal is to develop calculation methods that will supercede the need for expensive full-scale fire tests.

Dr Buchanan says full size testing of one wall can cost \$10,000, so the solution is to develop computer models to predict how a building will react to a fire. "Marc is here to help develop our model and make sure it's complementary to a lot of other work going on in North America."

Dr Janssens provided expert advice on the thermal properties of wood, and the expected rate of charring of the studs. He also assisted with other fire safety projects in the Department of Civil Engineering, including studies into new types of connections in timber structures, and spoke at a special seminar for the fire engineering post-graduate students in the School of Engineering.



a ten year programme to upgrade the skills of its staff and is hoping to place a thousand students worldwide during that time.

Professor Geoff Sweet (Forestry) says New Zealand is pre-eminent in plantation forestry experience and so has something substantial

to offer the programme. "As well it's important for the school to get graduate students. Apart from what we can offer, New Zealand needs to become a player in global forestry and the programme provides an opportunity to establish valuable contacts."

Astronomers win Journalism award

Features

Space frontiers open up despite flawed telescope

Two astrophysicists, Professor JOHN MATHIS, of the University of Wisconsin, and Dr WILLIAM TOBIN, of the University of Canterbury's department of physics and astronomy, write about the valuable scientific work of the Hubble Space Telescope. It is opening new vistas in astronomy despite the disappointment of its faulty optics.



Senior Lecturer William Tobin (Physics and Astronomy) and Professor John Mathis of the University of Wisconsin, who was an Erskine Visitor to the Department earlier this year, have won this year's New Zealand Institute of Physics Journalism Award.

Entries were judged at the NZIP annual conference at the University of Waikato in August.

Professor Mathis and Dr Tobin's winning article treated the Hubble Space Telescope and its discoveries and was published on the Features page of *The Press* on May 25.

"It's very flattering to have won this award," said Dr Tobin, "which more than reconciles me to the changes made by the subeditor!"

The Classical Association of Christchurch

in conjunction with

The Department of Classics

Women's Suffrage 1893 - 1993

Professor Vivienne Gray, Professor of Classics, University of Auckland, will give a lecture on "Women in Herodotus", Logie Room, Classics Department, 6th floor Modern Languages Building.

Tuesday, 28th September 1993 at 5.00 p.m.

Diary accessible by computer

The University *Diary* is now accessible electronically through the Use Net News network. It is being posted about noon each Friday on the chch.chat newsgroup.

The *Diary*, published weekly during term time, lists events on and off campus which involve university staff. The electronic listing is in addition to the printed version, which will continue to be delivered to Departments on Friday afternoon.

The chch.chat newsgroup goes to all other sites which take a news feed from the University of Canterbury. These include Lincoln University, the Christchurch School of Medicine, Christchurch Polytechnic, the Wool Research Institute, Southpower, the Christchurch City Council and subscribers to the Equinox system.



Campus Alcohol Policy

This Policy has been produced by the Health and Safety Committee of the University of Canterbury, in conjunction with the University of Canterbury Students' Association.

The term 'campus' includes all University of Canterbury properties, including field stations, and applies to all activities under the general control of the University of Canterbury.

It is acknowledged that the use of alcohol is an accepted part of socialising for many New Zealanders.

Policy

1. The University will promote a responsible attitude towards the use of alcohol among staff and students at all times.
2. The University is committed to the view that it is not acceptable to be under the influence of alcohol on campus at any time.
3. The University will require those organising functions on campus, where alcohol is to be available, to provide alternative non-alcoholic drinks at a significantly lower price and to ensure that food is available, and that its consumption is encouraged.
4. The University requires that all servers of alcohol on campus are made aware of responsible serving practices.
5. The University will promote the well-being of its staff and students by providing educational material concerning at-risk drinking.
6. The University will make available to staff and students, at their request, information and assistance relating to treatment for personal problems concerning alcohol use. Confidentiality will be assured.
7. The University expects persons responsible for any function, where alcohol is available on campus, to act as responsible hosts.

Sasakawa Young Leaders Programme Scholarships

Do you have the qualifications to enrol for either a Masterate or a PhD?

Have you displayed high potential for future leadership in international affairs, in public life, and in private endeavour?

Are you interested in pursuing studies in the field of New Zealand/Japan relations, with particular reference to economic and business issues?

Then perhaps you should consider applying for a Sasakawa Scholarship. An emolument of up to \$25,000, plus grants for travel and research, may be awarded to successful applicants. Supervisors from universities other than Massey University can be appointed in addition to the scholar's principal supervisor at Massey.

Initial enquiries to:
The Registrar, Massey University, Private Bag 11222, Palmerston North. Phone 06-356 9099, Fax 06-350 5603. Applications close 1 October 1993.

Engineering Scholarships

For study in the School of Engineering at the University of Canterbury

IPENZ Postgraduate Research Scholarship: — open to students eligible for Master's level study in Engineering with outline of substantial research component: cv required. Value: \$2,000 per annum. Tenure: one year.

Mercer Scholarship: — open to students pursuing course of research relative to aviation: computational or experimental fluid mechanics; high performance materials or structures; aircraft economics; operations, control or communication systems. Value: \$4,000 per annum. Tenure: one year.

NZAS Process Control Research Scholarship: — open to students eligible for postgraduate research in Chemical Engineering; in process control related to the aluminium industry in New Zealand. Value: \$9,500 per annum. Tenure: up to three years.

NZAS Research Scholarship: — open to students eligible for postgraduate study in Mechanical Engineering; in aluminium metallurgy, particularly aluminium processing metallurgy. Value: \$9,500 per annum. Tenure: up to three years.

Southpower Research Scholarship: — open to students taking the final exam for the Bachelor of Engineering (Electrical) degree; for research into power engineering; preference New Zealand born/resident since childhood. Value: \$1,200 per annum. Tenure: one year.

Tait Electronics Research Scholarship (Postgraduate): — open to students studying for Master of Engineering (Electrical) degree; research relevant to the electronics industry, particularly in New Zealand. Value: \$1,500 per annum. Tenure: one year.

Telecom Fellowships in Telecommunication Engineering: — Two fellowships, open to students: a) undertaking ME (Electrical) degree; b) PhD (Electrical); research relevant to communications and information technology in New Zealand. Value: Master's or PhD level \$10,000 per annum. Tenure: Master's, one year; PhD level, three years.

Information and application forms are available from Scholarships Section, Level 3, Registry, where applications must be returned no later than 1 November 1993.

Library Strategy Plan

During the greater part of 1991, members of the Library Staff worked on the development of a Strategic Plan, which was adopted by the Library Committee early in 1992. The Plan defined a series of objectives for the Library's operation and planning, based on the University's objectives contained in the Charter.

These objectives were arranged under six general categories — space, collection, management, staff, information technology and user needs — and were centred on the Library's Mission Statement: "To provide the best service to meet the information needs of the University of Canterbury community". The Strategic Plan was reviewed in August 1992, at which time a full report was made of progress on objectives, and it was decided that a major revision should be accomplished during 1993.

A Strategic Planning Committee, convened by Gail Pattie, Deputy Librarian, has been set up comprising representatives of Library departments and staff. At its first meeting held on 27 August, it was decided that, in addition to checking on progress in accomplishing objectives, the Plan would be completely redeveloped to take into account changes which have occurred to the Library establishment and services, and to enable input from all groups of Library interest groups to assist in planning or growth and development during the next several years. Among the changes which will have a significant effect on the Plan are the improvements in types of services available resulting from the growth of electronic technology, the space which will become available to the Library through the University's Building Development Programme, the anticipated changes to the Library's computer system, and the changing

role of the Library in the New Zealand library system in relating to such other bodies as the National Library.

The Planning Committee is currently redrafting the Mission Statement and reviewing progress. Within the next several weeks, Library departments and Library related bodies (the Library Committee, the Information Services Committee, etc) will be asked to input ideas about how they would like to see the Library develop.

Members of the University staff and students are also invited to submit comments and suggestions about the Library and its future direction. Questionnaires asking for comments from library users will be available in all libraries shortly. Although any suggestions are welcome, it would be most useful if users commented about the following matters:

- (1) current services which they would like to see expanded and developed;
- (2) new services which they would like to see introduced;
- (3) possible improvements in library facilities;
- (4) criticism of current services;
- (5) changes in direction which would make the Library more user-friendly and effective;
- (6) new developments in technology and information retrieval which should be included in future planning;
- (7) any other matters which should be considered when developing the Plan.

I hope that all interested people will take the opportunity to comment along these lines to Gail Pattie, Deputy Librarian, before Friday, 29 October. These replies will be considered by the Strategic Planning Committee as it prepares the Plan.

R. W. Hlavac
University Librarian

ACC Research Awards 1993

The Accident Rehabilitation and Compensation Insurance Corporation invites applicants for the following scholarships and fellowships which are offered for research into areas of injury prevention or rehabilitation.

The purpose of the awards is to encourage high quality research into the reduction of the incidence and severity of accidents and other causes of personal injury which is directed at reducing the cost of compensation and rehabilitation to ACC.

Categories of awards

Three awards for ACC oriented research are available in the current round:

Postgraduate Scholarship — for graduate students undertaking a programme of research for a high degree.

Training Fellowship — for those employed in fields associated with injury prevention or rehabilitation and having the qualifications and experience to undertake research but not eligible for the other categories of awards.

Senior Fellowship — for trained researchers at post doctoral level.

Priority fields

Applications for all Awards will only be considered if they address ACC's current research priorities in the following areas:

- Farming
- Forestry
- Meat Industry
- Back Injury
- Road Traffic Safety
- Criminal Injury
- Community Interventions
- Predictive Indices for Accident and/or Rehabilitation Outcomes

For Rehabilitation

Studies in the above fields should particularly address:

- Early Intervention Models
- Workplace Rehabilitation
- Cost-Benefit Studies
- Needs Assessment Models

(for rehabilitation planning purposes)
The closing date for all awards is 1 October 1993. Application forms and further information may be obtained from: The Research Section, Accident Rehabilitation and Compensation Insurance Corporation, PO Box 242, Wellington.

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Advertisements

Wanted

Tape of Hester Street (TV3, 4 September). Please help! Contact: Mark Stocker, Art History ext. 8155 or 365 3895.

To let

Riccarton, near Deans Bush, 3 bedroom unfurnished house. Walking distance to schools, Mall and University, established easy care garden, private sunny rear lawn, new double garage. No pets, no smokers, \$220pw. Ph. Margaret or Noel 332 9995.

Central City, Avon Loop, charming immaculate one bedroom furnished flat, short-term with spacious indoor/outdoor living. Very private and secure. Available immediately. \$150 per wk. Phone 366 5661 evenings.

From mid June until late December 1994, fully furnished 3-bedroom house in Somerfield. Please phone ext. 7275 (answerphone) or 332 4296.

Available 13 months from December '93. Fully furnished home, includes large open living room - kitchen - sunroom. Five blocks from Cathedral, on Worcester Street near Stanmore Road shopping area. Phone 365 2789.

From January to December 1994. Fully furnished 3/4 bedroom home. 1 minute's walk to university and bus to town at the gate. Phone ext. 6353 or 351 5097.

Accommodation wanted

US University faculty on sabbatical in NZ seeks furnished place for self and daughter 15 October - 15 April 1994. Suit faculty away on study leave. Phone Betty Shore, Lincoln University, 325 2811.

House/bach/apartment required 26 December - 2 January inclusive. 2 adults, 2 children. Christchurch/Brighton area. Swap preferred or will rent. Call Anna Hamilton, Auckland 630 1794 (evenings) or 307 4832 (weekdays) or write to PO Box 45, Auckland.

Mature student and family seek a furnished 2-3 bedroom house in vicinity of University starting end of February - November 1994. Suit faculty away on study leave. Phone 358 4069 evenings.

House exchange

Italian professor in economic history at the University of Ancona, Italy, is looking to make a house exchange for one to three months between November 1993 and February 1994. His house is in the countryside of Ancona on the Adriatic coast. A Volkswagen "Polo" or Fiat "Regata" stationwagon would also be available. Contact: Prof. Ercole Sori, via Gorizia 11/a - 60123 - Ancona, Italy. Fax: 0039-71-2203979 (University).

Property for Sale

\$155.00. 4 bedroom home in popular Kirkwood Avenue. Large open plan living areas with modern kitchen. Double garage on easy care section. Please phone John Roberts 359 9383. Gillman Real Estate. MREINZ.

LANDSCAPE ARCHITECT

SIMON WILSON
BSC BLA

For full landscape
design and garden plans

Ph: 332 2429
Design from the Ground Up

House for sale

AKAROA



Built 1986: two architectural design awards. Private, small site with mature trees and boardwalk to stream boundary. 100 metres to town centre.

\$185,000 o.n.o.

Telephone Pilbrow 03-304 7479
after September 27.

Programme for Campus Safety Week

11 - 15 October 1993

All sessions to be held in Room A4 — Arts Lecture Block

To attend any session please first register with Enquiries Reception at the Registry Concourse, telephone 8920. This is important as there is a limit on the number of places available for each session.

Tuesday 12 October

- 11.00am - 12 noon. How to extinguish a fire. Wormald NZ Ltd. (This will include a practical demonstration).
- 2.00pm - 3.00pm. Repeat of the morning session.
- 3.15pm - 4.15pm. Back care. Accident Compensation Corporation.

Wednesday 13 October

- 10.30am - 11.30am. The new Accident Compensation Act. The importance of injury prevention. The new 'Experience Rating System'.
- 2.00pm - 3.00pm. The safe use of alcohol. Mr Greg Ariell, Southern Alac.

Thursday 14 October

- 9.00am - 11.00am. The new Health and Safety Act. What does it mean? What can we expect from OSH? Occupational Safety and Health, South Branch, Christchurch.
- 9.50am - 10.15am. Morning Tea and Trade Display.
- 11.00am - 12.30pm. The Enterprise Self Management Programme for Occupation Safety and Health. Occupational Safety and Health, South Branch, Christchurch.
- 2.00pm - 4.00pm. Accident Reporting, Investigating and Causation. Laurie Albrighton, Shell NZ Ltd.
- 2.50pm - 3.15pm. Afternoon Tea and Trade Display.

PSIS

Financial Services

This memo is to remind members that it is still possible to have their whole salary paid directly to a PSIS account and to remind them also that the PSIS will make automatic payments to third parties **free of charge**. Therefore if members now have to make other arrangements for the payment of deductions that were previously made from salary, they should consider transferring these to the PSIS.

There are many other benefits of membership of course. The first of these being that membership is **free**. We also have a very popular telephone service whereby members can transfer funds to various bank accounts or pay their day to day household accounts **free of charge**.

EFTPOS and automatic teller machine facilities are also available and these transactions are also **free** of any PSIS charges.

To find out more about the PSIS services staff should contact the local PSIS office, phone 379 7230, or call at 166 Manchester Street, Christchurch.

Advertisement

Frank Darby BSc(Hons) MSc

Mr Darby has been with the Occupational Health Task Force of the Department of Health for eleven years. He has worked on a variety of Occupational Health projects in that time, with an emphasis on Ergonomics in recent years. He has been following the course of the "RSI" saga since it began, and in 1985 took part in a survey of 1200 operators and clerical workers in Christchurch, which looked at its prevalence. He completed the MSc course in Ergonomics at Loughborough University. On his return from the UK it was evident that "RSI" was still a major concern, hence the seminars.

Poetic talents flourish in Electrical Engineering

For a second year Electrical and Electronic Engineering students have shown considerable poetic talent in a poetry competition which looks set to become an annual event.

Whilst having its lighter side, and the incentive of \$750 in shared prize money, the competition does have a serious purpose. It is sponsored by Electricorp's professional engineering consultancy, Designpower, and Managing Director Russell McGeorge says they have lent their support to the competition because "engineers today have to be much more well-rounded than in the past." He says they have to use creativity to solve problems and they also have to be able to communicate well. "This is often the biggest problem of all."

Remarking that the ability to write concise and understandable English was as important for engineers as technical expertise, Head of Department Associate Professor Peter Gough thanked Designpower for their continuing support. He also made the point that the competition is a lot of fun.

Once again the judges were Bernadette Hall and David Howard. Both are poets and

they are the editors of the literary magazine *Takahe*. There were 30 entries in the competition and Ms Hall said all were of interest. She was intrigued that, whereas the dominant mood of last year's entries was one of humour and satire, this year many of the poems dealt with loss and sadness in personal relationships. David Howard drew parallels between poetry and design, saying that both "should include a desire to go beyond the known."

First prize went to Phillip Chung, whose entry Ms Hall described as "A wonderful poem. It goes well beyond just a wrestling match. The structure of the poem marvellously matched the measured pace of the contest." Mr Howard said of Phillip Abrahamson's second placed entry that it is "A very controlled and wonderful piece of work – a pleasure to read and judge." Third prize was awarded to Ross Morgan.

All three students had entered the competition last year, Phillip Chung, then being placed second. All three are also coming up for exams in their Third Professional Year.

Sumatori Rites

Phillip Chung

23 BC: Nomi-no Sakune and Taema-no Kehaya do battle before the Emperor of Japan. The Samurai warriors of yesteryear have become the tournament fighters of today.

1.
A lone Yokozuna – or Grand Champion – squats in the silence of ceremony. Slowly he swings his arms above his head.

In the arc trailed by his fingertips the empty 'O' of Zen contemplation is formed and shattered by the clap of his hands as he calls the gods of shinto to witness

To symbolise his purity he rubs his palms together an arms length away like a child in earnest showing off a new found skill Rising, he performs his shiko. Feet spread he lifts one leg to the heavens and brings it to earth with force The stamp

thuds into the silence sending it away to cower.

Repeating with the other leg the shotgun blasts race about the theatre animating the applause of the crowd.

Silence returns as the Yokozuna re-squats and once more he beckons the gods of Shinto forth.

When done, he rises, bows, and retires.

The spiritual battle precedes the physical one and often determines the outcome.

2.
Two mountains lie within a straw circle fifteen feet across. They stand erect, slabs

of flesh quivering in the breeze faces as still as stone.

Near naked and self-effacing though they appear, nothing can diminish the threat of each will the stare that holds the eye ransom the ritual of shiriki naoshi.

Knees bend, hands clench. Eyes locked on each other pierce the air, missile upon missile fired with seemingly no effect.

Bodies crouch ready to spring. The tension rises, like a confessed sinner scaling a tightrope to absolution.

What happens now is instinct alone.

A feint. The combatants withdraw backs turned, hands seeking salt to toss, sanctifying and sanitising a straw circle fifteen feet across.

The gods of Shinto look on.

A final pageant follows the final fight.

3.
As the punters edge to the exit a lowly-ranked fighter is about to perform the yumitori-shiki or Ceremony of the Bow.

If they were to stay they would see the fighter swing and twirl a Japanese longbow and stamp his shiko before the deities.

Whether the punters watch or not rueing the fall of their yen with the rise of a new champion the fighter has had his glory.

One day he may return a champion before the gods of Shinto calling their attention and not a serf bidding them farewell.

Examination

Phillip Abrahamson

Rain draws circles in the concrete
Outside your window
Clouds smear the sky
Paper lies in piles
Strewn across your apartment floor
But the sheet of paper
You're holding in your hand is special

Give it a fold
Delicate operation
Neatness essential
Presentation of vital importance
Calculate those angles precisely
Don't be distracted by the TV
Peace in the Middle East
Insurgence in Hollywood
Pay attention to the weight
To the line of the paper
Ignore the phone
Focus on that sheet
Black marks, white space
Red scrawl.

Dimension and balance
Fold the sheet again
With a gentle, measured hand
Divide the span
Concentration on the crease
Now – sharp and neat

Open your apartment window
Open your eyes to the world
Try not to be original
Let the paper filter your vision
Cold wind in your eyes
Steady your hand
Practice is the essence of performance
Timing the key to perfection
Not this moment
But this
Dart out with your hand
Don't give those raindrops time to fall –
extend yourself
With a fluid sweep
Let your paper plane lift into the evening
Watch your dart
Hang in the wind
Watch that red scrawl
Black on white paper
Streak in the rain
Grow sodden
And plummet to the concrete

Macintosh HyperCard User Group

If anyone is interested in forming a Macintosh HyperCard User Group, please contact Emma de Lacey, CSC on extension 6165 or EMAIL e.delacey@csc

Chronicle



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