





# Chronicle

University of Canterbury • Te Whare Wānanga o Waitaha

Volume 37 • No. 16 • Thursday, October 10, 2002

-  Industry New Zealand partnership a first.
-  Student Job Search formalises skilled placement initiative.
-  Tributes flow for departing Vice-Chancellor.
-  Rehabilitation of sex offenders examined.

## University of Canterbury launches Foundation

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**C**aptains of industry, professors, distinguished alumni and politicians mingled at the Arts Centre Great Hall recently as the University of Canterbury launched its Foundation.

Jeff Field, Director of Communications and Development welcomed over 200 guests to the event. He said throughout its history the University had been well supported by the community in its goal of providing the best in education, teaching and research.

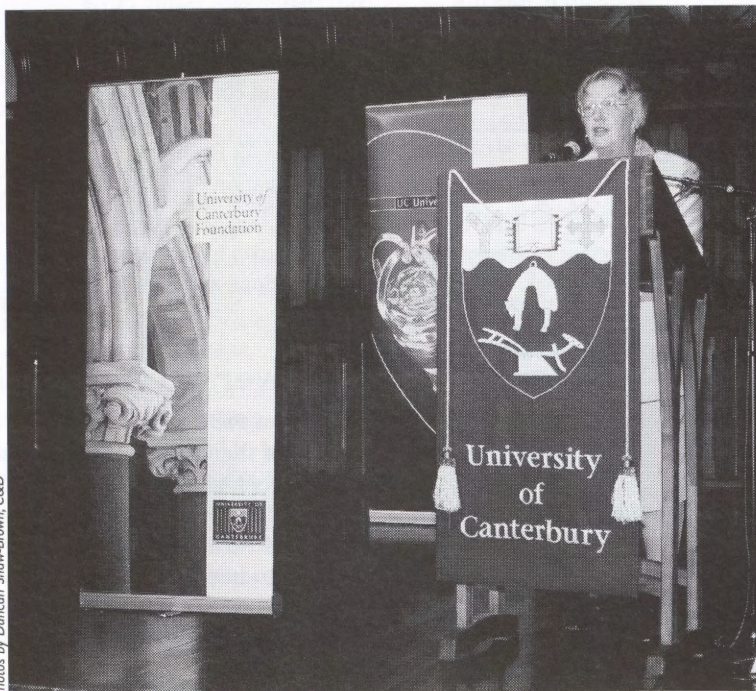
Mr Field introduced the Chairman of the Foundation, Dr Susan Wakefield, a Canterbury graduate and former Chairman of the Commerce Commission.

Dr Wakefield said the trustees had an "enthusiasm for the splendid opportunity the Foundation offers to the University, and to its communities of interest, to develop their mutually supportive relationships to a level of internationally recognised excellence".

"It's your children and grandchildren, in the first instance, who stand to benefit. No less importantly, it's our own community, which, in terms of both social and economic development, so much needs the leadership which only a thriving, broad-based, and creatively dynamic university can provide.

"At the most fundamental level, that is what the Foundation is all about – developing and enhancing satisfying relationships between Canterbury University and its supporters.

"Our funds will be used for enhancements to the basic role of the University, to help it achieve its



Photos by Duncan Show-Brown, C&D

**Dr Susan Wakefield addresses launch guests**

goal of being a premier research-led university, sending out graduates with trained and educated minds, as a source of intellectual energy for the New Zealand community."

Dr Wakefield said Shelagh Murray, the Foundation's Development Manager, had brought it into practical being by persuading "busy people to undertake the responsibilities of being a Trustee of the Foundation", developing a practical plan, designing a brochure and securing pledges for \$1.3 million in bequests even before the launch.

Ms Murray said New Zealand universities needed to seek alternative sources for funding, teaching, research and scholarship if they were to maintain and enhance their standard of teaching, fellowship and scholarship.

She said the Foundation was a "separate, professionally managed entity closely linked to the University but operating independently from it."

"The Foundation relies on the enthusiasm and goodwill of people with business connections and community interests to serve as Trustees. They provide oversight of the Foundation and by applying their skills and using their contacts, raise funds and help secure the resources required."

Acting Vice Chancellor Bob Kirk said the University had a multiple thrust for excellence.

"I think we have a great university and we have the capacity to become greater. Through the Foundation you can help this."

"Like all good universities we judge our success in that by our international reputation, by the way our graduates are received and the way they perform in business, government, scholarship and the community." ▷ p. 2

### China chooses UC to provide courses

**China's approval of Canterbury University as an overseas training base has paved the way for special course offerings in forestry management, environmental management and public administration.**

The University is one of only three New Zealand bases chosen by the Chinese Government to offer such training programmes for its senior managers and officials.

Canterbury's Centre for Continuing Education Director Geoff Pearman said the University could not meet the training requests alone and had pulled together a network of organisations. Trade New Zealand has given three years of funding support to the network, comprising Canterbury University, Victoria University of Wellington, Lincoln University, the National Institute of Water and Atmospheric Research and the Forest Research Institute.

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# Honorary doctorate for Dame Silvia

**G**overnor-General Dame Silvia Cartwright is to be awarded an honorary doctorate.

The Doctor of Laws (honoris causa) degree will be presented at the University's graduation ceremony at the Christchurch Town Hall on December 18.

Dame Silvia became New Zealand's 18th Governor-General in April 2001, after a distinguished career as a lawyer and jurist, and as an advocate for women and women's rights.

Announcing the award at the September meeting of the University Council, Chancellor Dame Phyllis Guthardt said she was delighted the Governor-General had accepted.

"Dame Silvia has been a significant advocate for the achievement and well-being of women over the years and is a distinguished member of the legal profession," she said.

Dame Silvia is patron of the University's Violence Research Centre, Te Awatea, which opened in April. At the time, Dame Silvia described the Centre and its aim of developing strategies to reduce violence in New Zealand society as "critically important".

Having spent 20 years as a judge dealing with the consequences of violence, she said it was not enough merely to condemn violence, it had to be researched thoroughly and stopped.

Dame Silvia was born in Dunedin and graduated LLB from Otago University. After several years in private practice, she embarked on a judicial career which culminated in her appointment to the High Court, the first woman to achieve that status.

In 1987 and 1988, Dame Silvia chaired the Commission of Inquiry into the Treatment of Cervical Cancer and Other Related Matters at National Women's Hospital. The inquiry, also known as the Cartwright Inquiry, was a landmark in New Zealand medical history.

Internationally, Dame Silvia contributed as a member of the United Nations committee monitoring compliance with the United Nations Convention to Eliminate All Forms of Discrimination Against Women (CEDAW).

She is patron to more than 200 organisations and charities.

## UC Foundation launched – continued

◁ p. 1

Trustees of the University of Canterbury Foundation are barrister Jo Appleyard, company director Craig Boyce, chartered accountant Murray Compton, Vice-Chancellor of the University of Canterbury Professor Daryl Le Grew, Chancellor of the University of Canterbury Dame Phyllis Guthardt, Chairperson of the Isaac Group Diana, Lady Isaac, Professor Bob Kirk, retired headmaster Dr Ian Leggat, President of the University of Canterbury Alumni Association Glenda Murphy, Foundation Development Manager Shelagh Murray, company director Michael Petterson, University of Canterbury Council member John Simpson, company director Adrienne, Lady Stewart, architect Sir Miles Warren, member of the University of Canterbury Academic Board Professor Laurence Weatherley and chartered accountant John Wong.

Matthew Appleby

## Barbeque to celebrate community garden's spring start



Photo by Barbara Cattrell, C&D

**The University's Okeover Community Garden celebrated the start of its first spring planting with a barbeque and open day.**

More than 200 staff and students enjoyed a lunch of organic meat and vegetables, salads, bread and even organic beer and juice. People also enjoyed live music from singer/guitarist Penelope Swales, courtesy of Paul Kean from UCSA. The garden is being run by student environment group Kakariki and UC Environmental Projects (Facilities Management), with assistance from Grounds staff and UCSA.

Despite some brief but heavy rain and gusty wind early on that forced Penelope to perform in the garden's garage, the lunch-time event proved highly successful. According to Environmental Projects Co-ordinator Kate Hewson, feedback was

overwhelmingly positive with many people expressing interest in becoming involved in the garden, fulfilling one of the event's main aims.

A talking point at the barbeque was the disposable plates and forks. Made from potato and corn starch, the used plates and forks were able to be composted on site along with all the food scraps. The community garden will try various types of composting over the next year including worm farming, EM Bokashi, and traditional compost heaps.

The next step for the garden is to start planting vegetable seedlings into raised beds, getting composting under way, and developing a fruit garden. For more information phone extn 6017 or kate.hewson@canterbury.ac.nz.

## Okeover Stream habitat on the mend

**Results of the annual biological survey of the Okeover Stream by stream ecologists from the Zoology Department indicate that the stream's environment is starting to improve.**

Professor Mike Winterbourn (Zoology) reports that for the first time in decades a mayfly larva was taken in routine bottom sampling and the number and kinds of caddisflies are increasing in the stream. "Both these groups of insects are indicative of improved habitat quality, which has resulted from concerted restoration efforts over the last three years. In particular, improvements are apparent downstream near the glasshouses, and alongside the Zoology carpark where gravels, boulders and logs have been added to the stream to modify flow patterns and improve habitat quality."

The riparian planting programme is also resulting in more diverse conditions at the sides of the stream where grasses now trail in the water and where damselflies can be seen in summer, he says. "The productive bed of reeds alongside the Engineering lecture theatres where the stream is largely stagnant is also

providing habitat for a rarely seen giant ratite. The new weed management procedure is also resulting in more clean gravels being exposed. Watercress is removed from the center of the stream where the main flow is now concentrated, but retained at the sides where silt accumulates."

## Chronicle

**Next Issue:** October 24, 2002

**Deadline:** October 18, 2002

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The Chronicle is typeset and printed by  
Design and Print Services.

## Industry NZ partnership a first



From left, INZ general manager Southern Region Paul Claridge, INZ chief executive Neil Mackay, Professor John Raine and Professor Bob Kirk

**C**anterbury has become the first university to forge a strategic partnership with Industry New Zealand, the national economic development agency charged with improving New Zealand's economic performance.

As a result, the University will play a more active role in regional and national economic and business development.

The strategic partnership agreement outlines how the University and Industry New Zealand will work together on economic development initiatives, support for businesses, and projects such as the recently launched Human Interface Technology Laboratory of New Zealand.

At the signing ceremony, Industry New Zealand chief executive Neil Mackay said the University of Canterbury was "walking the walk" of what the Government wanted in terms of partnerships and collaboration. He praised the way the University had forged connections with industry clusters and established relationships that were properly grounded in research and development.

Professor John Raine, Pro Vice-Chancellor (International), welcomed the relationship with INZ warmly and said it would be of key importance to the University.

"The University has developed a close working relationship with Industry New Zealand on initiatives to build industry-linked research capability."

"Canterbury is already working closely with Industry New Zealand on projects such as HIT Lab NZ and a proposed e-Security laboratory, both of which have attracted INZ funding support.

"Other examples of the strategic partnership in action include establishing an internship programme allowing business students to work in local industry, collaboration between Industry New Zealand's Business Development Advisors and the University's commercialising arm, Canterprise, and linking the University with Industry New Zealand's sector research and strategies.

"Canterbury is also a partner with INZ in the Innovation Story, a travelling celebration of New Zealand's innovative nature." The exhibition, which will tour the country for 15 months, will have its national launch on campus on November 8.



### INZ announces \$50,000 funding

**Industry New Zealand is funding the \$50,000 cost of a feasibility study for BioCaNZ, which aims to commercialise the development of bioactive substances.**

The funding, from INZ's major investment fund, was announced by chief executive Neil Mackay at the signing of the strategic partnership agreement with the University.

BioCaNZ is a partnership between the University, the Canterbury District Health Board and the Canterbury Development Corporation which seeks to build on the work of Canterbury's established research team in bioactives, led by Chemistry Professors John Blunt and Murray Munro.

## Canterbury/Otago in Nelson seafood centre

The universities of Canterbury and Otago have won a joint bid to be the university partners in a National Seafood Research and Education Centre of Excellence to be based in Nelson.

The Centre is a joint initiative by all the sectors of the seafood and supporting industries in the Nelson City, Tasman and Marlborough districts and the Nelson Marlborough Institute of Technology (known collectively as the Nelson Seafood Cluster). The parties signed a memorandum of understanding (MOU) with Canterbury and Otago at the end of last month.

The aim is to create a dominant position in international seafood markets through innovation, education and research. The Centre is expected to be well-established by 2004.

## Grant to fund heart disease research

**Dr Steven Gieseg (Zoology) has been awarded \$75,000 by the National Heart Foundation for research that could lead to new treatment methods for heart and vascular disease.**

Senior lecturer Dr Gieseg and his research team will use the funding for a three-year study into how antioxidants released by white blood cells can affect the chemical processes leading to heart and vascular disease.

Heart and vascular disease developed when the arteries became blocked by a collection of cholesterol-filled white blood cells, Dr Gieseg said.

"The cholesterol appears to have been damaged by oxidants released by various cells in the body. These chemicals can react with and damage the cholesterol particles in the blood and artery walls."

The white blood cells in the artery wall absorb and remove the damaged cholesterol but if the white blood cells become over loaded with too much damaged cholesterol, they change into fat sedentary cells. "It is the build-up of these cholesterol-filled sedentary cells which causes the blocking of the arteries in heart and vascular disease," Dr Gieseg said.

Dr Gieseg's research will look at how chemical antioxidants produced by the body's own white blood cells can

Acting Vice-Chancellor Professor Bob Kirk said the University was well-positioned with its marine research interests – such as the Centre for Excellence in Aquaculture and Marine Ecology – and strengths in the sciences, to contribute strongly to the joint venture.

All eight New Zealand universities were asked to submit proposals and the joint Canterbury/Otago bid was chosen because according to Nelson Seafood Cluster facilitator Peter Robins, it had the "best fit" with NMIT and the other interested members of the Seafood Cluster.

Peter Robins said the education partners in the Research and Education Centre would develop a range of programmes at certificate, diploma, degree, postgraduate and doctoral levels.

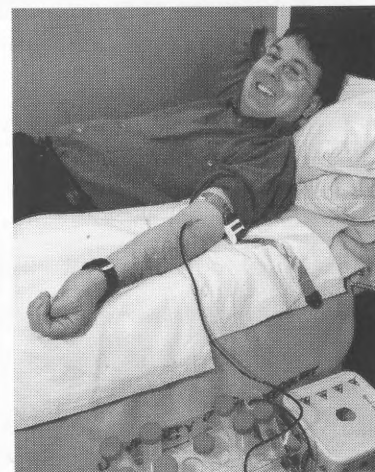


Photo by Doreen Shaw-Brown, C&D

**Dr Steven Gieseg donates blood for his research.**

neutralise the oxidants, so stopping the damage to the cholesterol particles. His research team will examine how changes in the artery walls affect the balance between protecting antioxidants and damaging oxidants.

"An understanding of how the balance between oxidation and protection is altered, could allow the development of new treatment methods for heart and vascular disease in the future," he said. The research will involve clinicians at Christchurch and Dunedin hospitals.

The grant is Dr Gieseg's second National Heart Foundation project grant. With his last grant his team identified a new type of damage occurring to the cholesterol particles.

# Tributes flow for departing VC



Photo by Duncan Shaw-Brown, C&D

**Professor Le Grew accepts gifts from Dame Phyllis and Alan Hayward following last month's council meeting**

**T**he University Council paid tribute to departing Vice-Chancellor Professor Daryl Le Grew late last month, formally recording its warm appreciation and thanks for four and a quarter years of significant service.

Council members also expressed their hopes for his full recovery from the recent coronary, wished him well for his new appointment as Vice-Chancellor of the University of Tasmania, and thanked Mrs Jo Le Grew for her efforts to enhance the profile and standing of the University.

Colleagues, friends and supporters from other institutions and organisations joined with Council members after the meeting to pay their own tributes to Professor and Mrs Le Grew.

Chancellor Dame Phyllis Guthardt said it was an occasion that mixed sadness at the loss of a very good colleague with happiness at all the good things that had happened – the friendships, the achievements, the energy, vision and commitment. Professor Le Grew had arrived to find no filing system and a Chancellor unused to being consulted. The lack of support was exacerbated six months later when

the Chancellor lost his seat on Council and was replaced by the Pro-Chancellor “who knew even less”.

Dame Phyllis apologised personally, saying he hadn't had the support he should have. His ideas and visions had been met with short-sighted criticism in an environment that was strongly resistant to change.

She paid tribute to the initiatives that had originated from Professor Le Grew, such as the University Foundation, which had been launched very successfully the previous night, the Canterbury Tertiary Alliance (CTA), and the community and international links he helped forge.

Mrs Margaret Austin, Chancellor of Lincoln University, thanked him for his friendship, saying his interactive style was a pleasure to work with.

Dr Ian Hall, Principal of the Christchurch College of Education, said the College was the University's nearest neighbour and had a shared 125-year history. In that time the relationship had never been closer and the key factor was the professional and collegial way Professor Le Grew had related to the College.

He praised Professor Le Grew's CTA initiative as an exemplar of the way institutions could work together

and said it was a significant development for the region.

Sir Tipene O'Regan thanked Professor Le Grew for his personal support and for leading Canterbury into Te Tapuwae o Rehua. Canterbury's membership was a major factor in its development that had advanced the cause of indigenous relations with the University to a marked degree.

Lincoln University Vice-Chancellor Dr Frank Wood said his institution had shared similar problems to Canterbury's and he respected Professor Le Grew's achievements in a challenging environment. As a Canterbury alumnus he was sure that whoever followed as VC would be glad Professor Le Grew had been there first.

Mr John Scott, chief executive of Christchurch Polytechnic Institute of Technology, sent heartfelt thanks for Professor Le Grew's collegiality, vision, and openness of spirit.

Student President Richard Neal recalled an early encounter “toe to toe” with Professor Le Grew during the student occupation of the Registry. He sympathised with his situation, arriving at a difficult time to no reserves, no plans, no files and few support staff. It was a mark

of his leadership that he left a positive legacy, Mr Neal said.

In reply, Professor Le Grew acknowledged the job was not what he had expected and had been hard work but that he had appreciated the learning opportunities the job afforded.

He thanked his sixth floor support team, especially Andrea Schoorl and Suzanne Bell, and his executive teams, the Chancellor, Council, CTA partners, Ngai Tahu, the University and all its supporters and he forecast that Canterbury would go from strength to strength.

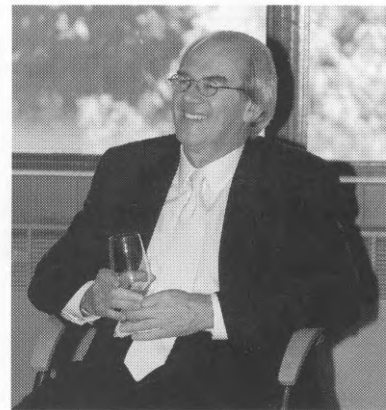
## Other tributes

**Professor Le Grew has been farewelled at a number of functions.**

At the Council's farewell dinner last week he was presented with a briefcase, and his wife, Jo Le Grew, with a silver pendant.

Acting Vice-Chancellor Professor Bob Kirk paid tribute to Professor Le Grew and thanked him for his inspiration, vision, sense of fun and “sheer unflappability”.

Members of the Vice-Chancellor's Office, their support staff, and Alumni Association representatives said their goodbyes at an informal gathering earlier this week.



A specially-made Vice-Chancellor graduate bear complete with Vice-Chancellor regalia was presented on behalf of the Alumni Association and University.

The Vice-Chancellor was also farewelled, in his absence, at meetings of various groups associated with the University including the General Staff Advisory Committee, the Canterbury Foundation, and the Canterbury Tertiary Alliance.



# Student Job Search formalises skilled placement initiative



Regional manager SJS Leon Fox

**"Give 'em a go, because they need the money," said guest speaker Sir Angus Tait to launch the Student Job Search FutureGrad initiative to an audience of students, academics, University staff and potential employers at Bellamy's last week.**

Regional Manager of Student Job Search Leon Fox said FutureGrad was a division of SJS, formed to

promote the services of students who had a strong mix of academic skills and relevant professional experience and knowledge, Canterbury businesses.

But this did not mean the end of SJS in its traditional role of providing hard-up students with gardening jobs to pay the rent, Mr Fox said.

"We will always try to retain our niche market. It's always the same. Cashflow is important for rent or a party or that trip to Dunedin. We own that market and we're not going to give it up."

He said FutureGrad was a response to the majority of students who undertook jobs at SJS "having far greater skills and knowledge to offer Canterbury businesses. FutureGrad places final year and postgraduate students into more specialised, career-orientated jobs during term time and during their summer holidays.

"The main benefits FutureGrad's free service can offer Canterbury

businesses is that it allows them to sample the brightest and best the region has to offer, while still being cost efficient."

Sir Angus said his company, Tait Electronics Ltd, had a long association with the University of Canterbury as a customer. "We've absorbed its output over the years in some considerable numbers." He said he hoped to employ around a dozen graduates at the end of the year and give full-time posts to six. Tait Electronics has over 200 graduate engineers among its 900 staff, many of whom are Canterbury graduates.

Mr Fox said the launch was a culmination of a two-year trial at Canterbury.

"We found large numbers of final year students were coming to us, very well qualified, with very expensive qualifications. Too many had no concept of what to look for or how to look. They were looking in the paper at jobs that said 'must have work experience' and ended up slipping offshore.

"We have also found many employers seeking employees, with very specific skills, to fill an increasing number of gaps in their workforce. Student Job Search has, most often, been able to plug those gaps. It seemed a natural progression to formalise and promote the process."

In July, SJS appointed Business Development Manager Nick Carter and Client Liaison Manager Dele Voon to help the service.

It offers employers direct access to over 40,000 tertiary students, from the University of Canterbury, Lincoln University, Christchurch Polytechnic Institute of Technology, Christchurch College of Education and Aoraki Polytechnic.

SJS co-ordinated 9717 job placements in the year to September 30, with students earning \$14,742,328.

*Matthew Appleby*

## Structure implementation group named

**The Council has approved the membership and terms of reference of a Project Steering Group to oversee implementation of the new six-faculty academic organisational structure approved by the Council last month.**

The Project Steering Group is responsible for working with the delivery of strategic benefits to the University from implementation of the new faculty structure. The benefits are broadly outlined in the Vice-Chancellor's paper of June 27 2002.

The timeline for implementation will see the new faculties in full operation from January 1, 2004.

The Acting Vice-Chancellor, Professor Bob Kirk, has invited a broadly representative group of members of the academic and general staff to join the group, which also has the power to co-opt.

The Project Director is Professor Jim Cole, with Professor Tim Parkin as Deputy until March 2003, and Professor Peter Hempenstall as Deputy from then. Other members of the group are: Dr Jan Cameron,

Dr Bob Hall, Dr Lucy Johnston, Associate Professor Alex Sutherland, Dr John Vargo, Jeff Long, Bill Matthew, Gail Pattie, Geoff Pearman and Kerry Stewart. Ms Stewart, as project manager, and Dr Hall are responsible for project management.

At the September Council meeting it was agreed that Students' Association President Richard Neal would join the group. Motions to add representatives from law and the visual and performing arts were lost, however.

The Project Steering Group will report and make recommendations to Professor Kirk and the Vice-Chancellor's Office during the implementation process and there will be regular reports to, and involvement in, the implementation process by Academic Board members, Heads of Academic and Service Departments and Council members.

A project timeline will be presented to the November meeting of the Council.

## Forestry popular with Sth Americans



Photo by Duncan Shaw-Brown, C&D

**Back: Isabel LozaBalbuena, Monica Heberling, Mariana Cattaneo, Nerida Theinhardt. Front: Arturo Bascunan, Roger Sands (HoD), Jose Gil Juscamaita.**

**The School of Forestry has attracted a high proportion of postgraduate South American students with five currently studying and three others starting next year.**

A very relevant qualification with a similar forest industry in South America is one reason for the popularity of the qualification, but it is also the nature of the department that is appealing, believes Jeanette Allen, School of Forestry Postgraduate Co-ordinator. "We have a small department so the staff and students mix very well, and a lovely community has developed

between the South Americans here. "One student came to Canterbury because her husband was studying in the department. She too decided to study here - he has now gone back to South America and she has remained, she enjoys it that much." Nerida Theinhardt, from Argentina, is studying towards a MForSc and says she was attracted to the department when she initially enquired about studying at the University of Canterbury. "Everyone was helpful. The staff and students mix well, which is helpful, plus it's enjoyable," she says.

# Academic launches international journal

The first international management journal based in New Zealand, *Journal of International Entrepreneurship*, has been launched by Dr Leo-Paul Dana (Management).

Founding editor Dr Dana said he decided to create the journal after working as director of management studies at a Singapore university.

"I proposed the idea for a journal at the Round Table on Global Entrepreneurship in April 2001 and said I would like to start at once. Many academics said it was impossible and regarded the idea as a big joke," Dr Dana said.

However, he persevered by sending 500 e-mails a month to publishers and business schools and setting up a web page. "I got a tremendous amount of traffic on the web page and e-mailed all the people thanking them for their interest in the journal."

Finally, Kluwer Academic Publishers agreed to talk over the publication provided Dr Dana could assemble an editorial team from top business schools. After contacting various people the editorial board includes academics from Calgary, Ulster, Manchester, Georgia and Athens. "I couldn't have done it without the support from the top business schools" Dr Dana said. "If you are

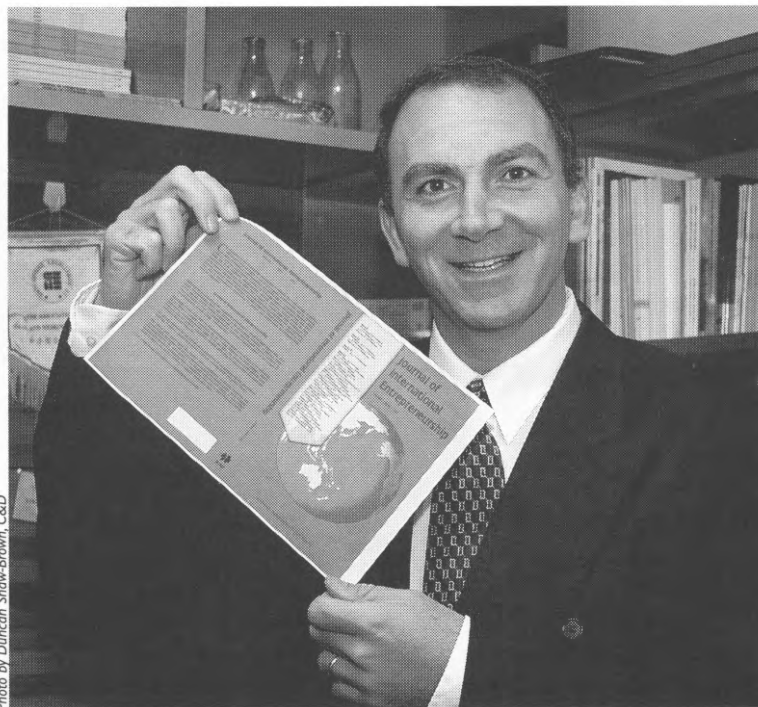


Photo by Duncan Shaw-Brown, C&D

Dr Leo-Paul Dana

willing to work 80 hours a week you will get results."

He said he had received lots of good feedback about the journal and volume one was full. "We have had submissions from Harvard, Cambridge, Oxford and McGill. I haven't received any from New Zealand universities but it would make sense as this is a small country that has to compete internationally."

The aim of the journal is to offer an outlet for high-quality research addressing the opportunities and challenges essential to internationalism. The journal would appeal to researchers of entrepreneurship and international business, business people and policy makers, Dr Dana said.

Hamish Barwick



## Gifts of rare books delight librarian

The University of Canterbury Library has benefited from more than 180 volumes of extremely rare English literature books, most of which are 19th century first editions and pre-1820 imprints.

The volumes were part of a bequest to Lincoln University by a Canterbury farmer, Frank White. Being outside Lincoln University's collection policy, that institution gave Canterbury the opportunity to choose items of interest from the gifted works. Highlights include a first edition of Shelley's *Revolt of Islam* (1818), a 1713 edition of Dryden's *Fables*, several Dickens first editions including *A Christmas Carol*, two Thackeray first editions and some illustrated works from the 19th century.



Librarian Bronwyn Matthews

"We are absolutely delighted to have these books as part of our collection," said Collections Librarian Robin Stevens. "It gives us more literary first editions which makes our collection

stronger. Any edition in an author's lifetime is important, but it is good to have a first edition, as it is from that book that we can trace literary changes over the years. "

The public would be able to request a viewing of the books and that was why it was good that the books stayed in an institution.

The books are all in good condition and will be housed in the Rare Books Collection.

Frank White was born in England in 1910 and completed a Diploma of Agriculture in 1929 at Canterbury Agricultural College (now Lincoln University). He recorded his life in the book, *An Ordinary Man: Frank's Story*, published in 1999 by Dryden Press.

Jane Lucas

## Council news

### Financial update

The financial forecast for the end of the year continues to show a surplus of \$1.022 million, ahead of the budgeted forecast of \$758,000.

The statement of financial performance showed an \$8.98 million surplus at the end of August, \$4.308 million ahead of budget. Financial Services Manager Jeff Long said the favourable variance was due partly to phasing issues but also reflected conservative budgeting for income and careful spending in operating expenditure.

### Statement of Objectives

The draft Statement of Objectives 2003-5 will be delivered to the Ministry of Education's Tertiary Advisory Monitoring Unit by October 15, with a final version being submitted by December 3.

Professor Kirk said there had been extensive consultation on campus and a very constructive discussion at the Academic Board.

Quality Assurance Facilitator Dr Bob Hall had made a number of changes as a result, and would work to incorporate suggestions from Council members.

### Colin McInnes resignation

Former Pro Chancellor Mr Colin McInnes has resigned from Council to take up a position in Queensland.

Chancellor Dame Phyllis Guthardt expressed Council's appreciation of Mr McInnes' services as a Council member from 1991 and as Pro Chancellor from 1999 to 2001, and wished him well in his new career.

### peoplepeoplepeople

Tanya Mitrovic (Computer Science) has received a Rotary Foundation University Teacher Grant to return to the University of Nis, Yugoslavia where she graduated, to teach for a semester starting in February.

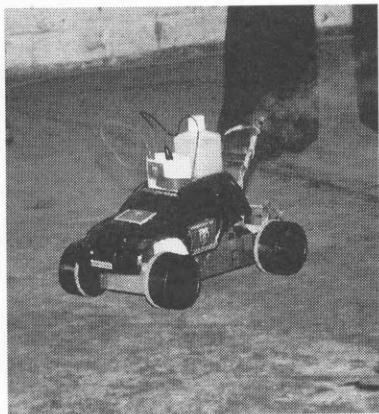
# Canterbury car a winner at Chem E Car event

**A**s University of Canterbury Chemical and Process Engineering senior lecturer Ian Gilmour raised the chequered flag on his students' Chem E Car vehicle the audience gasped in wonderment.

A mysterious Australian bookmaker contemplated his gains as Canterbury's car, with its key components of a \$10 firework fuse, a lead/acid battery and a \$10 Warehouse toy car chassis, stopped exactly on the designated 23m mark.

After the unbeatable performance, the Canterbury students relaxed and played hackeysack as students from Japan, Australia and Auckland fervently poured and measured battery acid, looking like young Dr Franksteins in their fervour to match the local leaders.

They failed, with Adelaide University taking a distant second place, missing the mark by 8.78m on the first run and 24cm on the second. Nagoya University finished third.



**The winning car**

Canterbury's \$100 car (the rules allowed a maximum of \$500 for construction) was a highlight of the CHEMECA/APPChE Chemical Engineering Conference at the Christchurch Convention Centre last week.

The racing, at the Kilmore St Rental Car Centre, also involved cars from New South Wales, Monash, Newcastle, Queensland and Auckland universities.

Canterbury's team of Dyani Boyce, Sutida Mathosa, Toby Prader, Melanie Cussins and Austin Brooks

tested the car into the small hours the previous night, allowing them to relax on the big day.

"Too many runs and the battery drains," Mr Brooks said, while Ms Mathosa said the win "came down to our fuse" which the team calibrated at 1cm per 1m of travel. Canterbury didn't change their fuse length for the second run, but team leader Ms Boyce said they "possibly should have added another millimetre" as the car finished 55cm short, still good enough to win the competition.

Lacey White, of Queensland University, said he was "pretty impressed with the standard of the competition, especially Canterbury. Stopping right on the mark first go – it doesn't get any better than that."

"It's going to be a world record – has to be," said Mr Gilmour. He said "the personalities of the cars" was what made it a special event and was particularly proud of Canterbury's effort.

"There's a lot of hard work gone in there, there's a lot of hours".

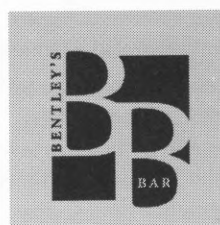
The car doubled as a design project gaining top marks for the team of second professional year chemical engineers.

It transpired the bookmaker was an Australian student at Auckland University. Officials decided this background eliminated any need for a steward's enquiry.

Matthew Appleby



## Bentley's Bar



**Hours**  
Wednesday to Friday  
from 5pm till late term  
time and holidays.  
Meals available from 5-30pm.

**IN THE UCSA**

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## University accepts fees stabilisation deal

At its September meeting, the University Council accepted the Government's fees stabilisation funding offer for 2003.

Across the university sector the deal is for a 4.5% increase to the Government subsidy in return for keeping course fees at the current level. However, when applied to individual universities, the increase varies, and for Canterbury, amounts to only 2%.

In announcing the decision, Chancellor Dame Phyllis Guthardt, said that if the University did not accept the deal it would be forced to increase tuition fees by a significant amount, which would be unfair to students.

Universities were, however, most unhappy with the agreement, she said.

"The Government now controls the purse strings, while requiring universities to responsibly manage their financial affairs within budget. The main losers in this system will be university staff whose expectations in relation to an

increase in salaries cannot now be met.

"The financial position in which the deal puts universities is also at odds with the Government's professed aim for a high-quality education system and knowledge society.

"Universities are the prime institutions in educating the minds to drive the knowledge society, and we are being prevented from doing that to the best of our ability."

Under proposed legislation, the Minister would control the two main sources of revenue – tuition fees and government grants – and each tertiary institution council would no longer have the power to set its own fees, she said.

The University would have to continue in cost-cutting mode. "We are not being compensated for domestic inflation, let alone increasing costs such as purchasing overseas equipment and books, or the rapidly increasing compliance costs associated with the Government's new funding systems."

## Why does 4.5% in reality equate to 2%?

The University has three main sources of income:

- Government subsidy
- students' fees
- money from other sources such as trusts, research funding, commercialisation, selling intellectual property and so on

The 4.5% increase relates to the Government subsidy.

When this increase is absorbed into the University's overall budget for 2003 it equates to a 2% increase

Why is this causing pressure?

- Student fees have been frozen for three years and neither fees nor Government funds have kept pace with inflation
- Universities are importers of most of the materials and equipment they use; costs of books, periodicals and equipment are rising rapidly and subject to currency fluctuations
- Other costs are rising, for example, compliance costs, and

greater provision has had to be made in these areas.

What can be done?

- Access to the third source of income (from sources like trusts, research funding) is constrained by terms of trusts, targeted for research and so on; the University is trying to maximise this however, through steps such as establishing the University of Canterbury Foundation
- The first and second sources can be used across the budget; the 2% increase, which is behind inflation, is all that is available to meet increasing demands such as salary increases and other costs of university operations, as well as for provision for capital works.
- The University will therefore continue to be in cost-cutting mode

Essentially, the Government's approach is driving universities backwards in a financial sense.

# Research looks at rehabilitation of sex offenders

**R**ehabilitating sexual offenders has traditionally been fraught with problems, but a Canterbury graduate could have found some answers.

Dr Andrew Frost, a Senior Practitioner at the Kia Marama Special Treatment Unit, Rolleston Prison, graduated from Canterbury in 2000 with a PhD in Social Work.

He was recently awarded the Association for the Treatment of Sexual Abusers Graduate Student Research Award and has been asked to present a paper on his research at the 21st Annual Research and Treatment Conference in Montreal, Canada.

The effectiveness of traditional therapy programmes relied on the willingness of sexual offenders to undertake extensive self-disclosure, he said.



Photo by Duncan Shaw-Brown, C&D

**Dr Andrew Frost at the Kia Marama Treatment Unit**

Sexual offenders used a variety of tactics to avoid engaging with their therapist. This reduced the effectiveness of therapy, meaning some were never fully rehabilitated and as a result became repeat offenders.

Dr Frost's study set out to explore therapeutic engagement from the perspective of offenders to find out what the tactics were, classify them and develop strategies to overcome them.

His study investigated the experiences and motivations of participants facing the challenge of revealing to others the cognitive, behavioral and emotional details of their offence process.

Kia Marama Principal Psychologist Browyn Rutherford said the research was important because it revealed something about how the thinking of inmates undertaking the programme changed in response to treatment.

"It allows us to assess prior to treatment how men are likely to react to the new information they are exposed to during treatment. Knowing how they are likely to act will enable us to do more to bring about change in their thinking."

She anticipated that Dr Frost would further develop his study and this would lead to the establishment of a psychometric measure for sexual offenders.



## New online library chat system a first for New Zealand

Staff and students at the University can now "chat" with the university library online through an interactive virtual reference system which is a first for libraries in New Zealand.

If a user wants to contact a New Zealand library electronically, an online form or an e-mail message are the only methods available at the moment ... except at Canterbury.

Since April, the University Library has been trialling, and is now implementing, RAKIM software developed by Miami University at Oxford, Ohio, which allows users to log into library chat and have interactive discussions with librarians. The librarians can get a better idea of the queries, can send pages of information, and often can provide answers more quickly than the current e-mail or forms options allow.

Librarian Catherine Jane, who has been in charge of the trial, said the system had many advantages.

"We still, physically, have reference desks in all our libraries, but generally libraries are trying to be more available online to their users.



Photo by Duncan Shaw-Brown, C&D

**Catherine Jane**

And although e-mail is one method, it's not interactive or as immediate as chat."

The other more immediate way to make an inquiry was over the phone, but chat had advantages here as well, including not having to log off to use the phone, she said. Using chat could be easier for people who had English as a second language since their written English was often more fluent than the spoken, and for people with hearing problems. The anonymity of chat was also attractive to many users.

Mrs Jane said the service was available only to staff and students, either on campus or logged on from anywhere else through the University computer network.

## New scholarship to launch young astronomers' careers

A new University of Canterbury scholarship has been established to encourage young astronomy enthusiasts to reach for the stars.

Named the Aurora Scholarship in Astronomy, the award has been made possible by a generous donation from an anonymous benefactor.

It is open to New Zealand citizens or permanent residents who are under the age of 18 and will be undertaking full-time university study for the first time in 2003. Head of physics and astronomy Professor Phil Butler said many young people looked up to the stars "with great curiosity".

Applicants are expected to have a strong commitment to space exploration or physics and astronomy, and a good background in the physical sciences.

The award will cover the costs of first year tuition fees, provide the opportunity to do a research project at Mt John Observatory and up to \$500 for international travel to visit astronomical observatories overseas.

A one-to-one relationship with an active Department of Physics and Astronomy research scientist or post-graduate student at the University or Mount John University Observatory will be established with the successful applicant.

The donation has also made possible the establishment of the Aurora Summer Camp in Astronomy which the University is to offer free of charge. Assistance with travel and accommodation will be given to successful applicants.