

Annual Report 2004



04

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Vice-Chancellor

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Deputy Vice-Chancellor

Bob Kirk JP, MA, PhD

Assistant Vice-Chancellor (Academic)

Jan Cameron, MSocSc, DPhil (Waik), BSc

Pro-Vice-Chancellor (Arts)

Ken Strongman, BSc(Hons) (Lond), PhD (Lond), FBPS, FRSNZ, FNZPS

Pro-Vice-Chancellor (Business and Economics)

Nigel Healey, BA (Nott), MA (Leeds), MBA (Warw), FCMI, LTM

Pro-Vice-Chancellor (Engineering)

Peter Jackson, ME, PhD (Camb), FIPENZ, FRAeS, EEng

Pro-Vice-Chancellor (Law)

Scott Davidson, BA (Camb), MA (Camb)

Pro-Vice-Chancellor (Science)

Ian Shaw, BE(Hons) (Bath), PhD (Birm), MNZIFST, FIBiol, FRSC, FNZIC, CBiol, Chem

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Chalice sculpture lit up at night – Cathedral Square. Tony Stewart

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Audit Report

To the readers of University of Canterbury and Group's financial statements for the year ended 31 December 2004

The Auditor-General is the auditor of the University of Canterbury (the University) and group. The Auditor-General has appointed me, Bede Kearney, using the staff and resources of Audit New Zealand, to carry out the audit of the financial statements of the University and group, on his behalf, for the year ended 31 December 2004.

Unqualified opinion

In our opinion the financial statements of the University and group on pages 14 to 54:

- comply with generally accepted accounting practice in New Zealand; and
- fairly reflect:

the University and group's financial position as at 31 December 2004;
the results of operations and cash flows for the year ended on that date; and
the service performance achievements measured against the performance targets adopted for the year ended on that date.

The audit was completed on 24 March 2005, and is the date at which our opinion is expressed.

The basis of our opinion is explained below. In addition, we outline the responsibilities of the Council and the Auditor, and explain our independence.

Basis of opinion

We carried out the audit in accordance with the Auditor-General's Auditing Standards, which incorporate the New Zealand Auditing Standards.

We planned and performed the audit to obtain all the information and explanations we considered necessary in order to obtain reasonable assurance that the financial statements did not have material misstatements whether caused by fraud or error.

Material misstatements are differences or omissions of amounts and disclosures that would affect a reader's overall understanding of the financial statements. If we had found material misstatements that were not corrected, we would have referred to them in our opinion.

The audit involved performing procedures to test the information presented in the financial statements. We assessed the results of those procedures in forming our opinion.

Audit procedures generally include:

- determining whether significant financial and management controls are working and

can be relied on to produce complete and accurate data;

- verifying samples of transactions and account balances;
- performing analyses to identify anomalies in the reported data;
- reviewing significant estimates and judgements made by the Council;
- confirming year-end balances;
- determining whether accounting policies are appropriate and consistently applied; and
- determining whether all financial statement disclosures are adequate.

We did not examine every transaction, nor do we guarantee complete accuracy of the financial statements.

We evaluated the overall adequacy of the presentation of information in the financial statements. We obtained all the information and explanations we required to support our opinion above.

Responsibilities of the Council and the auditor

The Council is responsible for preparing financial statements in accordance with generally accepted accounting practice in New Zealand. Those financial statements must fairly reflect the financial position of the University and group as at 31 December 2004. They must also fairly reflect the results of operations and cash flows and service performance achievements for the year ended on that date. The Council's responsibilities arise from the Public Finance Act 1989.

We are responsible for expressing an independent opinion on the financial statements and reporting that opinion to you. This responsibility arises from section 15 of the Public Audit Act 2001 and section 43(1) of the Public Finance Act 1989.

Independence

When carrying out the audit we followed the independence requirements of the Auditor-General, which incorporate the independence requirements of the Institute of Chartered Accountants of New Zealand.

In addition to the audit, we have carried out assignments in the areas of auditing the Chief Executive Officer's declaration on the Performance-Based Research Fund External Research Income and completing a compliance report regarding the Federal Family Education Loan Program for the

United States of America Department of Education, which are compatible with those independence requirements. Other than the audit and these assignments, we have no relationship with or interests in the University or its subsidiary.



B F Kearney
Audit New Zealand
On behalf of the Auditor-General
Christchurch, New Zealand

Matters relating to the electronic presentation of the audited financial statements

This audit report relates to the financial statements of University of Canterbury for the year ended 31 December 2004 included on the University of Canterbury's website. The Vice Chancellor is responsible for the maintenance and integrity of the University of Canterbury's website. We have not been engaged to report on the integrity of the University of Canterbury's website. We accept no responsibility for any changes that may have occurred to the financial statements since they were initially presented on the website.

We have not been engaged to report on any other electronic versions of the University of Canterbury's financial statements, and accept no responsibility for any changes that may have occurred to electronic versions of the financial statements published on other websites and/or published by other electronic means.

The audit report refers only to the financial statements named above. It does not provide an opinion on any other information which may have been hyperlinked to/from these financial statements. If readers of this report are concerned with the inherent risks arising from electronic data communication they should refer to the published hard copy of the audited financial statements and related audit report dated 24 March 2005 to confirm the information included in the audited financial statements presented on this website.

Legislation in New Zealand governing the preparation and dissemination of financial statements may differ from legislation in other jurisdictions.

2004 at a Glance

	2001	2002	2003	2004
Students enrolled (Headcount)¹	11 868	12 046	12 748	13 430
Equivalent Full-time Students (EFTS) ²	11 254	11 519	12 388	12 731
Full-Time Equivalent Academic Staff (FTE)	617	640	653	656
Staff : student ratio	1:18.6	1:18.3	1:18.9	1:19.4
EFTStudents				
Undergraduate – sub-degree	223	324	665	563
Undergraduate – degree	9 576	9 730	10 064	10 486
Total undergraduate	9 799	10 054	10 729	11 049
Postgraduate – taught courses	798	800	912	917
Postgraduate – research	881	861	950	984
Total postgraduate	1 679	1 661	1 862	1 901
Total Taught EFTS	11 479	11 715	12 591	12 950
Less contract teaching and unfunded PhDs	225	196	203	219
Total returned to Ministry of Education	11 254	11 519	12 388	12 731
International students enrolled in degree courses (EFTStudent)	794	1 106	1 615	2 147
PBRF funding received	–	–	–	\$1.9 m
Completed PhD theses	83	77	83	91
Completed Masters theses	223	213	184	187
Operating				
	In \$ 000	In \$ 000	In \$ 000	In \$ 000
(All amounts net of GST)	73 925	76 044	80 018	81 482
Government grant	47 606	53 719	61 400	68 346
Tuition fees	9 939	10 509	11 385	10 462 ³
Research funding	13.6	13.7	13.7	13.9
Cost per EFTS student	29 144	17 102	17 862	19 550
Capital expenditure (as per cashflow)				
Financial position				
Fixed assets	376 412	413 920	412 589	420 950
Net current assets (liabilities)	(16 790)	(10 619)	(4 274)	(3 567)

¹ Excludes Community Education students

² EFTStudents Returned to the Ministry of Education

³ Figure for 2004 includes PBRF funding received

Chancellor's Welcome

"...a number of important developments.... make 2004 a very significant year."



I am pleased to welcome you to the Annual Report of the University of Canterbury for 2004. Since my review in the previous Annual Report, we have seen major progress with a number of important developments for the University, coming together to make 2004 a very significant year.

The Vice-Chancellor has detailed some of those achievements in his accompanying report. I would re-emphasise the success of the University's new College-based organisational structure, the University's enviable ranking achieved in the Performance-Based Research Funding assessment at the beginning of the year, improved budgeting for the University and the further development of our institutional planning and reporting.

As you will be aware, I chair the University Council, the governing body of the University. The Council comprises the Vice-Chancellor, appointees of the Minister of Education, members of the Academic and General staff of the University, students, appointees in consultation with the Employers' Federation and the Combined Trade Unions, members appointed by the Council itself and University graduates elected by the Court of Convocation. For 2005, I am pleased to confirm that the Government has approved an amendment to the Council's Constitution, with the formalisation of an appointment from Te Runanga o Ngāi Tahu, in consultation with the Runanga. We hope to have the first member on the Council, appointed in accordance with this amendment, shortly.

The Council farewelled several longstanding members at the end of the year including Sir Angus Tait (8 years of service), His Honour Judge Stephen Erber (12 years) and Dr Roy Holmes (26 years). Their combined contribution to the University over a substantial period has provided strong continuity at a time of change and development for the institution. In addition we farewelled the Deputy Vice-Chancellor, Professor Bob Kirk, who had been a member of staff at the University since 1970. Professor Kirk was a very important linchpin in the transition from the previous Vice-Chancellor, Professor Daryl Le Grew, to our current Vice-Chancellor, Professor Roy Sharp. Other Council members to be farewelled included Mr Alan Robb, a member of the Academic staff.

The Council is in the process of implementing a stronger induction and development programme for new Council members, along with a careful evaluation of all Council members' performance. Arising out of Professor Meredith Edwards' 2003 report on governance arrangements for all tertiary education institutions, the Council's own protocol has

been incorporated in the Council Policies and Procedures. This protocol is revised and republished annually. There is now a much stronger emphasis on individual Council members' responsibilities and accountabilities, and an improved reporting regime.

In the course of 2004, we were concerned about the Public Finance (State Sector Management) Bill. It was eventually passed by the Government into legislation at the end of the year. The current emphasis on Government control of the universities is not healthy for either the universities or New Zealand society: we will continue to press for a legislative regime which emphasises accountability and responsibility, as previously, but which is much less interventionist in university affairs. The Government's view is that the new approach simply represents an incorporation into legislation of the "status quo." Our view is that the possibilities of greater intervention are drastically increased and will require vigilance on the part of all involved to prevent inappropriate interference and the imposition of unnecessary additional controls and compliance requirements in the future.

Professor Sharp's second year in office, as Vice-Chancellor, has seen much progress and consolidation of the new College-based organisational structure. The five Pro-Vice-Chancellors have made an enormous contribution to the management of the University, and the College offices are running well. The beneficial effects of the new structure include tighter delegations and new lines of responsibility and accountability, as I indicated in my previous report. The College structure has broadened and provided greatly improved academic leadership for the institution.

The Vice-Chancellor and his Senior Management Team have made great progress with University planning. The preparation of the 2005-2007 University Profile, approved by the Tertiary Education Commission at the end of the year, was also the opportunity for the University to work with its strategic planning. The University Profile charts the way forward not just as a governance requirement, but also for our own benefit. Reporting against the University's strategic plan has been greatly enhanced, and provides the Council with a strong measure of additional assurance as we tackle the new challenges ahead.

I acknowledge, again, the support I receive in particular from the Pro-Chancellor, John Simpson. John's general oversight of the financial health of the institution has greatly assisted in the progress we are making with the University's financial recovery: I am grateful to him and also to all members of the Council for

their support and the overall critical governance role they have played in the course of the year.

At the end of the year, I was delighted with the appointment of both the Assistant Vice-Chancellor (Māori), Sir Tipene O'Regan and our new Deputy Vice-Chancellor, Professor Ian Town, currently Dean at the Christchurch School of Medicine and Health Sciences. These two appointments will greatly assist the University in regard to our bicultural development and future organisational structure. We are fortunate to have been able to recruit these two excellent additional members to our Senior Management Team.

I was particularly appreciative of the first celebration of the achievement of our Pacific Islands graduates, held at the end of the year, immediately following the December Graduation Ceremony. This Pasifika celebration will I am sure become an annual event. The opportunity to honour our Pacific Islands students, in the same way we honour our Māori students at the Māori Graduation celebration following the April ceremonies, is an important new initiative.

In April we had the pleasure of awarding Honorary Doctorates to Emeritus Professor Peter McKelvey, the foundation head of the School of Forestry when it was re-established here in 1969, and the Honourable Mike Moore, a former Prime Minister. The opportunity to honour significant New Zealanders in this way helps to re-emphasise the national and international context in which our University operates.

I commend Professor Sharp for the work he is doing with the city, and with the local business and industrial community. Not only is this important operationally, with the establishment of additional links and networks, it will also open up significant new avenues for cooperation. For example, at the time of writing we are awaiting the outcome of an application to the Tertiary Education Commission for part-funding of a Partnerships for Excellence project involving the development of IT teaching and research in the region. This will strengthen the role Canterbury has already established as the IT capital for New Zealand.

I commend to you this Annual Report for 2004 and its outline of the University's activities in its 131st year of operation. I value and appreciate my association with the University and hope you will enjoy reading about the strength and depth of the University's teaching, research, scholarship and community service.



*Dr Robin Mann
Chancellor
March 18, 2005*

Vice-Chancellor's Report

“2004 was an excellent year for the University of Canterbury.”



2004 was an excellent year for the University of Canterbury, building on the advances of 2003 in the areas of enrolments, finances, planning, and community and stakeholder engagement. In addition, fresh ground was broken with a new organisational structure and a number of public acknowledgments of the University's excellence in teaching and research.

The highlight of the year was Canterbury's outstanding performance in New Zealand's first independent assessment of research quality, the Performance-Based Research Fund. Canterbury secured top position in six subject areas and was ranked a very close second overall in the research ranking of New Zealand tertiary institutions. That placing reflects the high proportion of A and B research gradings of academic staff and the low proportion of inactive researchers – the lowest in the country in fact.

This outcome was particularly satisfying as Canterbury has always emphasised the importance of research-led teaching and valued its strong international reputation for research excellence. The immediate reputational benefit of having this confirmed independently will be matched by increased funding as the PBRF grows.

Hard on the heels of the PBRF announcements came another exceptional result in the inaugural MacDiarmid Young Scientist of the Year Awards. Canterbury students won five of the eight category prizes and also the overall prize, which went to bioengineering PhD student Andrew Rudge.

In the same week as those awards were announced Dr Juliet Gerrard of our School of Biological Sciences was presented with a Sustained Excellence Prize at the Tertiary Teaching Excellence Awards. Staff excellence was also recognised with the election of three Canterbury professors, Professors Jim Cole, Les Oxley and Graeme Wake, to fellowship of the Royal Society of New Zealand. Congratulations to them and also to Professor Clive Granger, a Nobel laureate in economics and a frequent visitor to Canterbury, who became the inaugural Canterbury Distinguished Professor, a newly-created role for exceptional academics with strong links to the University.

Professor Robert Jackson, a world-leading researcher on the behaviour of spiders, was chosen to receive Canterbury's 2004 Research Medal and soon after received one of New Zealand's most prestigious science and technology awards, a James Cook Research Fellowship from the Royal Society of New Zealand.

The high standard of Canterbury postgraduate students was further affirmed with the recognition of two PhD graduates, Dr Roger Maaka and Dr Hazel Phillips, at Te Amorangi: National Māori Academic Excellence Awards. Similarly satisfying was the University's success in the business category of the Māori Language Week Awards for its efforts to increase use of Te Reo in offices and common rooms.

On the environmental front two awards stand out. Five years work restoring Okeover Stream on campus was recognised with a gold award for landscape design at the New Zealand Pride of Place Landscape Awards and a Canterbury University Press book, *Deep New Zealand: Blue Water Black Abyss*, won the environment category of the Montana Book Awards.

Financially, the University continued to improve its performance, registering a \$6.086 million surplus, \$1.4 million ahead of budget. The cash position improved from \$8.3 million in 2003 to \$12.9 million in 2004 - a satisfactory position but slightly below budget. The statement of financial position showed an asset value of \$368 million, \$11 million ahead of the 2003 figure.

The disciplines imposed by the Financial Recovery Plan initiated in 2002 have been significant in improving the University's financial position, and that has been matched by a new internal budgeting mechanism which ensures a more even treatment of schools and colleges.

The University's engagement with key stakeholders and its community continued to develop, and partnerships were formalised with the signing of Memoranda of Understanding with the crown research institute Environmental Science and Research, the University of Otago's Christchurch School of Medicine and Health Sciences, the Chinese National School of Administration and the University's fundraising arm, the UC Foundation.

Alumni and development links are very important for the university; our alumni are the parents of our students, employers of our graduates, our advocates in the community and our financial supporters through donations, bequests and various partnership arrangements. The New Zealand programme of events and alumni communication continued strongly and there was a significant international advance with the establishment of charitable trusts in Britain and the United States of America, allowing alumni to access the tax benefits available in both countries for philanthropists.

The British charity was launched in conjunction with an alumni reunion at New Zealand House in London hosted by our High Commissioner, the Honourable Russell Marshall. This followed the inaugural New Zealand Universities Alumni Convention, held in Kuching in East Malaysia.

Organisationally, I am pleased to report the new college-based structure has bedded in successfully. The pro-vice-chancellors have established their executive and college office structures and all five are contributing strongly as part of the Senior Management Team. Late in the year we appointed our first Assistant-Vice-Chancellor (Māori), Sir Tipene O'Regan. Although he did not take up the position until 2005 he delivered the first Outside the Square public lecture to a large audience at Christchurch Town Hall in December as part of our programme of joint activities with Christchurch City Council.

I would like to acknowledge the support of Deputy Vice-Chancellor Professor Bob Kirk who retired from the University after 35 years on the staff, the last five on the Senior Management Team. His academic acumen, his local knowledge and his organisational skills have been very important to me and to the University. His replacement will be Professor Ian Town, currently Dean at the Christchurch School of Medicine and Health Sciences.

Finally, my personal thanks to the University Council and Chancellor Dr Robin Mann for their continuing strong support.



Professor Roy Sharp
Vice-Chancellor
March 18, 2005

University Mission and Vision

Mission

Whāia te matauranga
Above all, seek after learning

The University of Canterbury comprises its staff, students, graduates and alumni. The University of Canterbury Act 1961 describes the purpose of the University as existing “for the advancement of knowledge and the dissemination and maintenance thereof by teaching and research.” This is carried through to the Education Act 1989 and informs the mission of the University.

Our purpose within the international community of scholars is to advance knowledge by research; to maintain and disseminate this knowledge through teaching, publications and critical debate; to confirm outcomes through the awarding and conferring of degrees, diplomas and certificates; to serve as a repository of knowledge and expertise; and to act as critic and conscience of society.

Our purpose within the New Zealand tertiary sector is to contribute to a tertiary education system that is characterised by excellence, relevance, academic freedom and improved access for all; to work with others to enrich intellectual discourse, educational quality and research activity; and to contribute to the intellectual, cultural, social and economic life and well-being of our city, region and nation.

Our purpose as a university of Aotearoa New Zealand, acknowledging the Treaty of Waitangi in all our activities, is to respond and contribute to the educational, research and development needs and aspirations of Māori, as tangata whenua.

Vision

Tangata tū tangata ora
People prepared to make a difference

Since its founding the University of Canterbury and its people have made a difference locally and globally. Proud of that past, we now look to the future with fresh vision that blends the best of Canterbury tradition with the innovation necessary for success in a changing world. People are crucial to this process – people who are prepared to make a difference.

We will make a difference by the diligence we bring to our studies; the passion and rigour we bring to our teaching and research; the inclusiveness and transparency we bring to our decision-making; the pride we bring to our administrative tasks; the dedication we bring to service; and the courtesy, collegiality and respect we bring to our interactions.

We will make a difference to our city, region and nation by the quality of our graduates; the relevance and excellence of our research; the inspiration of our creative arts; the positive impact of our collaboration with others; the strength of our bonds with community, business, industry, and government; and the leadership we show in Treaty, equity and environmental issues.

We will make a difference internationally by enhancing the Canterbury tradition of world-class research and scholarship; working with selected overseas institutions; providing a welcoming destination for international students, and sending out well-equipped graduates who are prepared to make their mark on the world stage.



2004 University Council Membership

The composition of the 2004 University Council was:

Council Members	First appointed	Current Term Appointed	Ending
<i>Four persons appointed by the Minister</i>			
Dr Susan N Bagshaw	2001	2001	2005
Mr John C Simpson	2001	2001	2005
Sir Angus Tait	1997	2000	2005
Ms Rangimarie Parata Takurua*	2001	2001	2005
<i>Vice-Chancellor</i>			
Professor Roy Sharp	2003	2003	–
<i>Three members of the academic staff</i>			
Professor Jim M Coxon	2001	2003	2006
Dr Maureen Montgomery	2003	2003	2006
Mr Alan J Robb	2001	2001	2004
<i>One member of the General staff</i>			
Mr Michael Shurety	2003	2003	2006
<i>Two students</i>			
Mr Peter Martin*	2004	2004	2004
Mr Jarrod Gilbert	2000	2003	2003
<i>One appointee in consultation with the Employer's Federation</i>			
Dr Paddy Austin	2003	2003	2006
<i>One appointee in consultation with the Combined Trade Unions</i>			
Ms Chris Wilson	2003	2003	2006
<i>Three members appointed by Council</i>			
His Honour Judge Stephen G Erber	1993	2001	2004
Professor Bob Kirk	2001	2001	2004
Dr B Robin Mann	2001	2001	2004
<i>Four graduates elected by the Court of convocation</i>			
Dr Colin J Burrows	1999	2003	2006
Dr W Roy Holmes	1978/1991	2001	2004
Superintendent Sandra J Manderson	2003	2003	2006
Dr Graham C Stoop**	2003	2003	2006

* Resigned in July 2004. Replaced by Ms Jane Chirnside

** Resigned September 2004

Achievements and Awards 2004

BSLT programme gains accreditation

In February the University's Bachelor of Speech and Language Therapy (BSLT) programme became the first and only course in New Zealand to be accredited by the New Zealand Speech-Language Therapists' Association (NZSTA). The accreditation reflected the high quality of the teaching, research and clinical training component of the University's BSLT degree.

Establishment of Health Sciences Centre

A Health Sciences Centre was established in March, reflecting the University's increasing strengths and regional collaboration in Health Sciences. The Centre will be led by Professor Andrew Hornblow, an adjunct professor and former Dean of the University of Otago's Christchurch School of Medicine and Health Sciences. The centre has been created to act as a catalyst for collaborative teaching and research within the University, and with other tertiary education and health sector organisations.

Outstanding PBRF Result

The Performance Based Research Fund rankings, released by the government in April, confirmed that the University of Canterbury is one of New Zealand's top-ranked universities for research quality. Canterbury took top position in four subject areas, was first equal in two others and was ranked a close second overall to Auckland University. The positive showing reflected a high proportion of A and B gradings for academic staff. Of the 22 institutions involved in the PBRF exercise, Canterbury had the smallest proportion of "research inactive" staff.

Two receive Honorary Doctorates

Former prime minister and WTO director-general Mike Moore, and the "father of forestry education" in New Zealand, Emeritus Professor Peter McKelvey, received honorary doctorates from the University at the April 2004 graduation. Rt Hon Mike Moore received a Doctor of Commerce (honoris causa) and Professor McKelvey a Doctor of Science (honoris causa).

Ornithology Research Medal

Senior Research Fellow Dr Richard Holdaway (Geological Sciences) was the joint recipient with Te Papa research associate Trevor Worthy of the Royal Australasian Ornithologists' Union D.L. Serventy Medal. This is the premier award of the Royal

Australasian Ornithologists' Union and is made in recognition of significant published contribution to ornithology in Australasia.

Gold Award for Okeover Stream

In April, five years of hard work restoring the Okeover Stream was recognised with a gold award for landscape design sustainability at the New Zealand Pride of Place Landscape Awards. The gold award for design sustainability went to Jeff Weston, the landscape architect for the Okeover project, in partnership with the University of Canterbury and the Christchurch City Council. The Okeover Stream project is part of the UC campus waterways project which aims to restore the ecology and diversity of the three waterways flowing through the campus (Avon River, Okeover Stream and Ilam Stream).

Healthcare revolution

During 2004 the multi-national Eastman Kodak Company formed a joint venture company with researchers at the University's newly formed Centre for Bioengineering to develop the world's first non-invasive digital imaging breast screening technique. The new company will use Eastman Kodak's photographic and imaging expertise to develop a technique researchers say could revolutionise breast screening services and significantly improve cancer detection rates.

MacDiarmid Young Scientists Awards

In July Canterbury dominated the MacDiarmid Young Scientists awards winning five of the eight category prizes and the overall prize. Bioengineering PhD student Andrew Rudge picked up the top award as well as first prize in the biotechnology category. Other category winners were Brett Davis (Agriculture, Forestry and Fishing), Aaron Grey (Manufacturing and Materials), Kelly Barnes (Māori Innovation) and Audrey McKinley (First Equal, People and Society).

Tertiary Teaching Excellence Award

In July, Dr Juliet Gerrard (Biological Sciences) was presented with a Sustained Excellence Prize at the Tertiary Teaching Excellence Awards. The annual Tertiary Teaching Excellence Awards were established by the Government in 2001 to recognise outstanding tertiary teachers from all publicly funded institutions and private training organisations.

Plant Physiologist Award

In July Dr Ralph Bungard (School of Biological Sciences) was recognised by his peers as the New Zealand Society of Plant Physiologists' Outstanding Plant Physiologist for 2004. Dr Bungard was given the award for his considerable research on the parasitic angiosperm genus *Cuscuta* which has resulted in six publications, a Marsden grant, and nine further publications not directly related to the award.

Inaugural Canterbury Distinguished Professor

At its August meeting the University Council approved the new position of Canterbury Distinguished Professor "to recognise the exceptionally prestigious position of occasional academic visitors to the University." In conjunction with this decision Nobel Prize winner Professor Clive Granger was confirmed as the inaugural Canterbury Distinguished Professor. Professor Granger first visited the University's Department of Economics as an Erskine Visiting Fellow in 2000 and has since made two private visits to the department. He was visiting Canterbury in 2003 when he was announced as joint recipient of the Nobel Prize for Economic Science. Professor Granger was subsequently awarded a Knighthood in the British 2005 New Year's Honours list.

Marcel Grossman Award

Retired University mathematician, Emeritus Professor Roy Kerr, was awarded the prestigious Marcel Grossman Award. The award recognises outstanding achievements in the fields of general relativity, gravitation and relativistic theories, and will be officially presented at the next Marcel Grossman Meeting in St Petersburg in 2006. Professor Kerr won the prize for his discovery of a solution to Einstein's gravitational field equations. The Kerr Solution, as it has come to be known, provides an exact description of the space outside a rotating black hole.

Teaching Development Grants

In September the University's Teaching and Learning Committee awarded eight Teaching Development Grants totalling more than \$60,000. The grants, worth between \$4,000 and \$10,000, are designed to encourage staff to develop their teaching in ways which will enhance student learning. Recipients of the awards were: Dr Julie Cupples (Geography), Dr William Rollins (Languages and Culture), Dr Mick Grimley (Education), Dr John Fountain (Economics), Dr Jen Hay (Classics and

Linguistics), Dr Richard Hartshorn (Chemistry), Dr Angus McIntosh (Biological Science) and Associate Professor Ray Hunt (Computer Science and Software Engineering).

Marsden Success

In September, Canterbury University researcher Dr Ian Scott (Biological Sciences) was awarded a Marsden Fast-Start grant designed to give emerging researchers the chance to explore an innovative idea, develop their capabilities and establish a research career. Five other Canterbury researchers were awarded standard grants in the 2004 Marsden Fund round. The recipients were: Professor Lex Oxley (Economics), Dr Neil Gemmell (Biological Sciences), Associate Professor Dave Kelly (Biological Sciences), Dr Phil Armstrong (Languages and Culture) and Professor Leon Phillips (Chemistry).

New Assistant Vice-Chancellor Māori

In October the University appointed its first Assistant Vice-Chancellor (Māori). Eminent kaumatua, academic and business leader, Sir Tipene O'Regan will take up the role in February 2005. Sir Tipene will advise senior management on issues of interest to Māori, liaise with the Māori community outside the University and represent the University on the New Zealand Vice Chancellors' Standing Committee on Māori (Te Kahu Amokura). He will also contribute to teaching and research activities.

Māori Excellence Awards

In November two University of Canterbury doctoral graduates were honoured at the Te Amorangi: National Māori Academic Excellence Awards. Dr Hazel Phillips and Dr Roger Maaka were among 30 graduates from all New Zealand universities whose achievements were celebrated. The awards are now in their third year and were created to acknowledge the rising profile of Māori academic achievement within the tertiary sector and the contributions Māori academics are making in a diverse range of disciplines.

Alexander von Humboldt Memorial Award

In November two Canterbury University geologists received a prestigious German prize for their collaborative research publication. Dr Kerry Swanson (Geological Science) and Dr Thomas Jellinek (Gateway Antarctica) were awarded the Alexander von Humboldt Memorial Award for their 329-page monograph published in 2003 on the Ostracoda (Crustacea) of the Tasman Sea and the Southern Ocean.



Visitors from around the world attended the MOA telescope opening at Canterbury's Mt John University Observatory.

University Research Medal

At the December graduation Professor Robert Jackson (School of Biological Sciences) was awarded the 2004 University of Canterbury Research Medal. Professor Jackson is a world authority on the evolutionary ecology of invertebrates and is an internationally recognised expert on the behaviour of spiders. His research career spans 30 years, 26 of which have been at Canterbury University. Professor Jackson was also made a James Cook Research Fellow by the Royal Society of New Zealand. This is one of New Zealand's most prestigious science and technology awards.

Teaching Awards 2004

At the December graduation, seven teaching awards were presented to University staff for excellence in teaching achievement. The recipients were: Dr Andy Cockburn (Computer Science and Software Engineering); Dr Jon Harding (Biological Sciences); Dr Jennifer Hay (Linguistics); Dr Jessica Johnston (American Studies); Dr Wendy Lawson (Geography); Ms Tika Ormond (Communication Disorders) and Professor Peter Steel (Chemistry).

Royal Society Fellowships

A quarter of the researchers elected for admission to the Royal Society of New Zealand's prestigious science academy in 2004 were University of Canterbury staff. Professor Jim Cole (Geological Sciences),

Professor Les Oxley (Economics) and Adjunct Professor Graeme Wake (Mathematics and Statistics) were among 12 new fellows recognised by the society for their impressive strength and excellence in science and technology.

Opening of MOA Telescope at Mt John

More than 140 visitors from around the world came to the opening in December of the new \$7 million MOA telescope at the Mt John University Observatory. The MOA project is an NZ-Japanese partnership which aims to find dim stellar objects using the gravitational microlensing effect first identified by Einstein in 1936. The telescope is New Zealand's largest optical instrument. Since 1995 the MOA project has discovered several hundred new microlensing events, several involving binary stars, and has contributed to the discovery of one extra-solar planet.

Erskine Programme

A total of ninety-five academic staff received Erskine Fellowships in 2004, 68 visitors to the campus and 27 University staff. Both figures were up on the comparable 2003 numbers of 64 and 20. Visiting Erskine Fellows came from 14 countries, with the largest representation from the United States of America and the United Kingdom. The current value of the Erskine Trust is \$36.5 million and in 2004 total expenditure was \$1.378 million.

Statement of Responsibility

In terms of Section 42 of the Public Finance Act 1989 we hereby certify that:

- We have been responsible for the preparation of these financial statements and the judgements used therein; and
- We have been responsible for establishing and maintaining a system of internal control designed to provide reasonable assurance as to the integrity and reliability of financial reporting; and
- We are of the opinion that these financial statements reflect fairly the financial position and operations of the University for the year ended December 31, 2004.



Chancellor



Vice-Chancellor



Chief Operating Officer

Date: 18 March, 2005.

