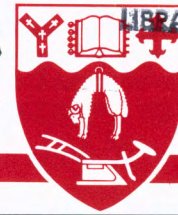


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University of Canterbury Christchurch New Zealand



Linguistics a Department after 25 years of teaching

The newest department in the University, Linguistics, comes into existence on 1 November. Thus, a quarter of a century after the subject was first taught in the University, as part of the programme offered by the Department of English Language and Literature, linguistics is to be given independent status.

The creation of a separate subject and a separate department has a strong intellectual motivation. Linguists are not necessarily people who speak many languages, but they are students of the principles on which all natural languages operate.

Formal linguistics involves creating models of linguistic structure and at advanced levels linguistics becomes an intellectually demanding subject. Humanities students, who are often not accustomed to formal scientific methods, sometimes find theoretical linguistics baffling. Sociolinguistics, which uses the methods of the social sciences, is also slightly ill at ease within a humanities department.

Having developed as part of English language studies, linguistics courses have tended to use examples taken mainly from English. As an independent department it will be possible to introduce data from other languages more readily.

Linguistics also has a strong practical element. Analytic techniques for laying bare

the structure of language are of central importance in theoretical linguistics and field methods are crucial in sociolinguistics. The Linguistics Department will therefore be moving over the next few years to extend laboratory-type instruction to give the teaching of analytic techniques a central position in the structure of the programme.

The staff of the new department have a strong research profile which has resulted in publications in a number of areas of special linguistic interest, including formulaic speech, morphology, New Zealand English and stylistics. Two PhDs and a number of Masters in linguistics have been awarded within the English Department over the last few years and linguistics staff are currently involved in supervising four PhD candidates, two of whom will be with the new department. For the next two years, the department will also have a post-doctoral fellow, Nicola Woods, who is currently completing a D.Phil at Oxford.

The new course structure in Linguistics, commencing in 1993, will consist of a single six point introductory course together with three courses at Stage Two. In 1994 three Stage Three courses will be added; an honours programme will be instituted in 1995. The department will be housed on Level Two of the English-Education building, in the section previously occupied by American Studies and Journalism.



Linguistics Department staff: From left, top row, Dr Kate Kearns, Dr Andrew Carstairs-McCarthy and Ms Jandy Blundell, the Department's secretary. Bottom row, Professor Derek Davy, the Department's first Head, Mrs Elizabeth Gordon, Mr Tony Deverson and Dr Kon Kuiper. Mr Deverson teaches language courses in the English Department and will be working closely with Linguistics.

Convocation Court elects two Council members

Dame Ann Hercus and Dr Roy Holmes were the successful candidates in the recent Court of Convocation election for two members of the University Council.

A total of 7,638 voting papers were sent out with 2,724 (35.7%) valid votes being cast. The results were:

M.A. Hercus	1298
W.R. Holmes	824
A.G. Pattie	743
N.B. Ullrich	631
R.W. Davies	591
R.R. Williams	578
H.M. Bowron	544
R.A. Hutton	153

The two current members whose terms had expired were Dr Holmes himself and the former Chancellor, Mr Richard Bowron, who has retired from Council.

Dame Ann and Dr Holmes will serve four-year terms starting on 1 January 1993.

Ten students to sit exams outside New Zealand

New Zealand representative hockey and volleyball players are among the 10 Canterbury students who will sit end-of-year examinations overseas this year.

The New Zealand volleyball team is travelling to Iran and the hockey team to Singapore. In addition one student has taken up a rugby scholarship to Britain, one will be at a conference in the United States, one is working in Japan and another in Antarctica. Malaysia and China complete the list of overseas venues.

Within New Zealand, 36 students will complete 86 scripts in centres ranging geographically from Auckland to Milford Sound.

A total of some 9 000 students will hand in approximately 32,000 exam scripts this year. The number of students sitting exams is up on last year but the number of scripts is roughly the same.

Examinations start on Monday 19 October and finish on Tuesday 10 November. Results will be posted to each student on Monday 7 December and most should receive them the following day, when they will also be posted on noticeboards under the Main Library and published in *The Press*.

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Chancellor and Pro-Chancellor re-elected

The Chancellor, Mr Ian Leggat, and the Pro-Chancellor, the Reverend Dr Phyllis Guthhardt, have been re-elected to their respective positions for a further year.

Under current legislation both positions have to be reviewed annually.

Both the incumbents were re-elected unopposed, after nominations were sought at the 7 October meeting of the University Council. Take one-year terms start on 1 January 1993.

Christmas hams turkeys and chickens available

The Printery Social Club will be selling the popular Christmas hams, turkeys and chickens this year and order forms complete with the product range will be published in the next *Chronicle*.

Sales will be open to all staff

Graphic design student wins national award

A final-year graphic design student, Cheah Wei Chun, has won a Designers' Institute award for the 1993 School of Fine Arts prospectus he designed.

Mr Cheah received a \$2500 cash prize for his Graphic Design Award, won in the student section of the 1993 Best Design Awards.

He submitted three pieces of work for the competition and all three were among the eight finalists in his section. His other two works were a poster for the play *Hamlet Machine* and a personal poster on Tibetan Art.

Two other Canterbury graphic designers made the final eight. John Malcolmson, another final-year graphic design student, was a finalist with his artist's catalogue and Alison Downing, who finished her degree last year, reached the final selection with a poster for the Winter Session.

Max Hailstone, senior lecturer in graphic design, joked that he was disappointed Canterbury students filled only five of the eight final spots.

Mr Cheah said the brief for the prospectus was for an up-market look to attract more student applicants. His design is a 32-page, two-colour, A4 booklet with a modern, stylish look.

Mr Cheah, a Chinese Malaysian, intends returning to Malaysia after finishing his exams and looking for a job there or in Singapore. He would prefer to work as a graphic designer in a cultural institution such as a museum.

NZ Fire Service funds senior lectureship

Change to the country's building codes has provided the impetus for sponsorship of a senior lectureship in Fire Engineering by the New Zealand Fire Service.

Mr Brian Armstrong, Chief Executive and National Commander of the Fire Service explains that instead of building to an approved code, "people are now required to determine what's needed from an amenity point of view, and then to engineer the fire safety requirements into the building."

With the changes comes extra responsibility. "Instead of having a cookbook of codes, suddenly people are going to have to sign on the dotted line that 'in my opinion this building is safe'. In the old days they had to say 'in my opinion this building complies with the code'."

In consequence the Service sees a great need to increase the level of expertise in fire safety engineering generally. Dr Andrew Buchanan (Civil Engineering) is the only person in New Zealand offering university-based courses specifically on fire engineering, so it made sense for the Fire Service and the Institution of Fire Engineers to come to the University of Canterbury to consider what could be done.

Dr Buchanan became involved with fire engineering "by accident" when he went to Berkeley University to do a Masters degree. His main areas of interest are timber engineering and earthquake engineering, but since his Californian days fire engineering "has always been my second string. When I came here five years ago I could see there was a real opportunity."

He believes it is too specialised an area to offer at undergraduate level, but it is offered at Masters level. "We're saying that people with an undergraduate degree in any branch of engineering, and possibly science



From left, Dr Andrew Buchanan (Civil Engineering), the Vice-Chancellor, Professor Brownlie, Mr Brian Armstrong, Chief Executive and National Commander of the NZ Fire Service, Professor Bob Park (HOD Civil Engineering).

graduates, could come back for a year and do a Masters degree in fire engineering."

The Fire Service is concerned to achieve an increase of expertise throughout New Zealand in the areas of fire safety, prevention, and limiting the extent and spread of fire when it does occur. Mr Armstrong says "there are just not nearly enough people out there who can assess whether a building is safe. Even for the so-called experts it's not easy. We're planning to have an industry advisory committee to

guide us as to whether we're doing the right thing. So, although the idea came from here, we are looking at something much larger than Canterbury itself."

Dr Buchanan says the appointment of a senior lecturer should be made by the middle of next year. "That new person's sole responsibility will be fire engineering, so we are more than doubling our capacity to offer courses in research. It is a real milestone that we have this funding."

Management Foundation formally established

The University's Management Foundation was formally established last week when the University Council approved its Deed of Trust.

The Foundation, set up to increase contact and interaction between the University and the business community, has three Trustees: the Vice-Chancellor or his nominee, the Chancellor, Mr Ian Leggat, representing the Council, and Mr Frank Dickson, formerly of Trust Bank. Mr Dickson was elected Chairperson of the Trust.

Council expressed its appreciation to Mr Peter and Mrs Susanne Leeming for their "generous donation" of \$10,000 to the Foundation's Trust Fund.

Mr Leeming, who is Chairman of the Foundation's Establishment Board, reports a high level of interest in the Foundation's contemporary issues lecture series and its executive programme in total quality management.

The TQM programme, which consists of six half-day sessions taken by 3 Canterbury

staff and starting on 27 October, is expected to be fully subscribed and the first series of contemporary issues lectures proved very popular.

A second series started last Friday with a large group hearing from the President of the Council of Trade Unions, Mr Ken Douglas.

The other speakers in the Friday afternoon series are: Dr Peter Troughton, Chairman of the Trans Power Establishment Board, Director of the Crown Health Enterprise Development Unit and a member of the SOE Steering Committee (16 October); Dryden Spring, Chairman of the NZ Dairy Board and a company director on several large corporations (23 October); Douglas Myers, Chairman of the Business Roundtable and Chief Executive of Lion Nathan (30 October); and Basil Logan, Chairman of Works and Development Services Corp and recently retired Chief Executive and Chairman of IBM New Zealand (6 November).

Readers interested in attending any of these lectures should ring extension 6840 or phone 364 2840.

Conference service takes the hassle out of organisation

Planning a conference but dreading organising it? Then leave it to the professional conference organisers in the Centre for Continuing Education.

Conference organiser Margaret Brown and assistant Wendy Skinner offer a comprehensive conference organisation service which will "take the hassle out of it."

There are many "traps for young players" in organising details such as accommodation, catering, custodial services, room bookings etc. Employing a professional conference organiser leaves the academic planner free to get on with the substance of the conference rather than the administrative detail.

Mrs Brown's office will provide advice free of charge on the various facilities available on campus and elsewhere in Christchurch, including accommodation in the Halls of Residence, motels and hotels.

For a fee the conference organising service will: advise on all aspects of national and international conference planning; act as executive secretary to the planning committee; prepare budgets; co-ordinate the work of sub-committees (e.g. programme, social); supervise conference administration; manage the conference in action.

During the next 12 months the Conference Office is organising seven conferences: the IX Pacific History Conference; the Australasian Tax Teachers Conference; Image New Zealand (Festival in Photography); Chem Ed 93 (Chemistry Teachers' Conference); Apple Macintosh Universities Conference; New Zealand Association of Maths Teachers; the Australasian Law Teachers' Conference.

Assistance with conferences can start as early as the bid to hold one. Mrs Brown liaises

closely with the Christchurch Convention Bureau, a newly-established division of the Canterbury Tourism Council set up to promote the city as an international convention destination.

The Bureau's sales manager, Linda Jenkins, said the Bureau's services were free as its financial backers - the Christchurch City Council and private tourist operators - saw the spin off benefits from attracting large conferences and conventions.

The Bureau can provide very attractive, glossy promotional material such as brochures, posters and videos which present Christchurch cohesively and professionally. These are used at the pre-bid stage and after the conference has been confirmed, to maximise the number of delegates attending. The high quality of Canterbury Tourism's promotional material earned it the 1992 Bergman Trophy presented by the Information Centres of New Zealand for the best regional promotional material in New Zealand.

The Bureau will also prepare a bid document to be used in making a case for Christchurch as the venue for any particular conference.

Ms Jenkins said the University of Canterbury was a wonderful site for a conference because it had the facilities, grounds and accommodation all in one place.

"The University is one of the prime venues in Christchurch, especially for large conferences. Accommodation is seasonal, because of the vacation times, but that suits a lot of people, especially academics," she said.

To take advantage of the services of the Conference Office and the Convention Bureau contact Margaret Brown, ext. 6162 or phone 364 2162.



Conference organiser Margaret Brown (left) and assistant Wendy Skinner in the Centre for Continuing Education's conference office.

Australasian tax teachers to meet on campus

Tax teachers from all over Australia and New Zealand will meet at Canterbury in January for the 1993 Australasian Tax Teachers' Association Conference.

Registration is now open for the annual conference, which will be held on campus from 17 to 19 January.

Conference organisers, Adrian Sawyer and John Hasseldine of the Accountancy Department, said the conference provides an opportunity for tax academics and tax practitioners to meet and advance the teaching of taxation.

The Monday session (18 January) will be devoted to aspects of taxation affecting both accounting and legal tax practitioners, while Tuesday's papers are more for tax academics.

Although the formal deadline for papers has passed the organisers would consider late offerings. Contact either Adrian Sawyer or John Hasseldine for further information.

Planned lecture theatre site

Three new lecture theatres are to be built on a site to the south of the Zoology building, on the higher part of the grassy area there.

The University Council, which had earlier approved construction of a 400-seat theatre and two 200-seat ones, approved the proposed site at its October meeting. Building specifications for the theatres are currently being decided.

The site was chosen because it was relatively central and the area was little used because of shading from the Zoology building. Paving and landscaping will enhance the complex and the area between it and the James Hight Library cafeteria.

The Buildings Registrar, Mr Don Gunn, said the theatres would be set 2 metres into the ground and the highest point of the big theatre would be 10 metres above ground level. The highest point of the smaller theatres would be 5 metres above the ground.

The HODs of Zoology and Plant and Microbial Sciences have been approached and will be consulted further about their view of the complex.

Student profile

Data on the changing profile of students in recent years was given to Council, in response to a request at the last Council meeting.

Dr Sally Hunter of the Educational Research and Advisory Unit compiled the data for the years 1988 to 1992. In summary, during the last five years:

- Student numbers have increased by 17% overall. Full-time students are up by 27% and part-time students are down by 9%.
- Female students have increased by 18% and male students by 16%.
- 35% of the increase in full-time students comprises female students; 21% male students.
- 10% of the decrease in part-time students comprises female students; 7% male students.
- There are 18% more students under the age of 20; 29% more students aged between 20 and 24; and 2% fewer students aged over 25.
- Overseas student numbers have decreased by 59%; Resident New Zealand students have increased by 23%.
- Postgraduate numbers increased by 37% and undergraduate numbers by 20%. Non degree students decreased by 39%.
- As regards ethnicity, the figures record a 31% increase in European students and a 79% increase in Maori students. The number of Pacific Island students recorded has increased from 18 to 61.

An accompanying note says the percentages are accurately calculated but should, in some cases, be treated with caution. For example, the ethnicity figures reflect not only the increase in participation rates for Maori and Pacific Islanders but also to more precise self-identification and ethnicity.

As regards student allowances, there were 3660 students receiving allowances this year out of a full-time roll of 3660.

Council members debated whether it was possible to tell whether fees were influencing the sort of student that was coming to Canterbury. There was a consensus that it was becoming harder for the children of poorer families to come to university but it was difficult to know how to monitor that and to remedy it.

The Chancellor, Mr Ian Leggat, summarised the debate by saying he was not sure there was a lot the University could do to change that, as family attitudes and performance at school were crucial areas for determining whether students would go on to university.

UCSA capital levy

A request from the Student President, Ms Joan Smith, for approval of a capital improvement levy for 1993 was deferred to the next meeting.

A UCSA legal opinion was tabled and Council voted to seek a further opinion from the University's solicitor.

The issue of the levy, which is wanted to fund refurbishment of the toilets in the Students' Association building, will be considered again at Council's November meeting.

Thermocell gets thumbs up from industry

Thermocell, the solar water heating company set up by Emeritus Professor Arthur Williamson, received a plug of the best kind in the August issue of Current.

Current, the monthly magazine on electricity supply, distribution and use, was highly complimentary about Thermocell's product. The following brief article appeared in its "Energy Trends" column.

"A small Christchurch company known as 'Thermocell' is producing what can probably be considered New Zealand's best, if not the world's best solar water heater.

"The solar panels rely on the heat pipe principle and consist of a thermosyphon heat sheet constructed from two sheets of steel, welded together to form a large 'pillow' about 1cm thick and about 1 square metre in area. Running along the top of the sheet is a pipe through which the water to be heated flows. Between the sheets is an organic working fluid that evaporates when hot and condenses when contacting a cool surface. When the sun shines on the panel the evaporated working fluid travels upwards between the metal sheets and condenses on the pipe containing the cool water, hence heating the water.

"The advantage of this system is its low cost because steel is used instead of copper to make the panels.

"A solar water heating system comprising five panels will provide 60-80 percent of the hot water required by an average home and can be installed for about \$2,500, giving a 5-7 year payback."

Student design second fastest in Australasia

The Canterbury mechanical engineering students who took on Australia's top students in a design-and-build competition performed creditably, organisers say.

Dr Alan Papesch (Mechanical Engineering) said the team was unlucky not to achieve a placing.

"Their effort failed on a technicality even though their machine was the second fastest one entered. Stop watches were used to time an interval of one second and the launch platform for the machines did not conform exactly to specifications," he said.

The Warman Design-and-Build Competition involved designing and constructing a mechanical device which could carry a golf ball three metres horizontally and drop it down a 10cm-diameter pipe one metre above the ground.

The Canterbury heat winners, Phil Shorter and Martin Billington, had their air fares paid by the Institution of Professional Engineers, New Zealand, and their Australian expenses paid by the Australian Institution.

Canterbury, the only New Zealand university represented, competed against students from 21 Australian universities.

Dr Papesch said the students had enjoyed, and learnt from, the competition and it was hoped it could become an annual event incorporated into the First Professional Engineering Design course. A sponsor for the New Zealand component is being sought and it's hoped that a Christchurch engineering company will see the benefits.

Little flags on trees

Dr Andrew Buchanan (Civil Engineering) and Mr Peter Squires (Electrical and Electronic Engineering) have just returned from across the Tasman where they spent 24 hours chasing through the Australian bush looking for little flags on trees.

This is a stressful time of the year in academe, but things have come to a pretty pass if staff are taking to the *Australian* bush. However, it turns out that they were two thirds of a team competing in the first World Rogaining Championships being held at Beechworth, 300km north of Melbourne.

It also turns out that rogain is rather more than a little flag hunting. For the uninitiated, it is a map and compass navigation sport, also called long-distance orienteering.

Twenty-four hours and one hundred kilometres from the start Messrs Buchanan, Squires and friend Dave Laurie claimed second among the veteran teams, and fifth overall, out of a total of 200.

A triumph indeed, but it's funny how stress can take people.

Students start Christchurch photo archive

A collection of 100 photographs depicting aspects of life in Christchurch in 1992 is the first stage in building an ongoing photographic archive.

Photography lecturer Glenn Busch has initiated an annual photographic documentary project for his third-year students which "by 2000 will have become an impressive archive.

"The project will build up a very important archive which will be important historically as well as interesting right now," he says.

Each of the five students in the class produced 20 prints for the collection. They chose the Colombo Street theme as a way of representing a cross section of Christchurch life.

Mr Busch is seeking a home for the archive. Last week the McDougall Gallery director John Coley and the Macmillan Brown Librarian Max Broadbent viewed the collection in the Fine Arts Gallery and prospects for a permanent home are encouraging.

Glenn Busch says the project is good for the students, because it is "real" rather than an exercise, and good for the community as a photographic record.



Third-year photography students in the School of Fine Arts: (from left) Josephine Meachen, Robin Hely and Sarah Laffan. Absent are Chris Pownall and Kirsty MacDonald.

Boilerhouse the University's engine room

The University boilerhouse is an important component of the campus infrastructure, supplying the energy required to centrally heat all campus buildings. The boiler house plant, nearly 30 years old, is drifting towards "old age" in engineering plant terms.

Considerable investment has taken place in the past three years in order to improve boiler efficiency and safety and to extend the boilerhouse life for perhaps another 20 years. This upgrading has been planned, managed and carried out by the Maintenance Department team.

These improvements haven't gone unnoticed outside the University, as twice in the last 12 months the Maintenance team have been asked to present papers on their achievements in extending boiler plant life. Recently Robin Lancaster and Mike White presented a paper to a seminar organised by the NZ Coal Research Association where the work done in converting the boilers from manual to full automatic operation was described.

The boiler automation has been carried out predominantly "in house" with some support from a consultant and is a great credit to the technical and installation skills of the Maintenance Department's electrical section.

The coal fired boiler plant is a valuable University asset as energy can be produced at less than half the cost of electricity, after taking into account operating and fuel costs as well as efficiencies and heat losses during reticulation throughout the campus.

In spite of planned building development, capital expenditure on additional boiler plant is not anticipated. This is because for the Law Building and future buildings heat will be stored as hot water in large tanks in each

building, in order to avoid increasing the boiler plant's peak loading during each morning. This heat can be made overnight when the boilers are just idling along.

With careful management and some further improvements the boilerhouse will continue to service the University's needs well into the 21st century.

The Hidden Toilers

The key to a successful boilerhouse operation remains the boiler operators. They are the "unknown soldiers" of the University staff complement. Because of the regulatory requirement of tending the boilers continuously they are rarely seen outside the boilerhouse.

Boilers can quickly change into exploding projectiles as has happened in New Zealand, and therefore need continuous and careful nurturing. This despite the recently installed automatic controls. Our boiler operators ensure that the boilers respond to the needs of the Campus 24 hours per day 7 days per week, taking turns in 12 hours shifts.

Without them the boilers cannot operate by law. Canterbury's boiler operators have never forced a boiler shut-down through not turning up for their shift. The University can rest easy in the knowledge that the boiler plant is in safe hands and will continue to provide a reliable service.



Boilerhouse operators (from left) Dave Moores, Tom Robson, Frank Taylor and Bill Russ. David Pengelly is absent.

UC scholarships for 1993

Applications are invited for the following scholarships awarded by the University of Canterbury tenable at Canterbury except where otherwise marked. Further information and application forms are available from the Scholarships Section, Level 3, Registry. Applications close on 1 November.

T.W. Adams Scholarships in Forestry: Open to all graduates in forestry, agriculture, engineering, science; for postgraduate study in the School of Forestry. Value: M.For.Sc. one year, \$2,652, per annum; Tenure: PhD degree, two years, \$5,304 per annum.

The G.B. Battersby Scholarship in Accountancy: Open to students majoring in Accountancy; final year of Bachelor's degree, Masters or Ph.D. level study. Value: \$3,000 per annum; Tenure: one year.

The G.B. Battersby Scholarships in Computer Science: Open to students majoring in Computer Science; final year of Bachelor's degree, Masters or Ph.D. level study. Value: Honours student or Masters doing papers, \$1,000 per annum, Masters or Ph.D. level, \$3,500 per annum. Tenure: one year.

Robert Bell Travelling Scholarship in Journalism: Open to students who have previously taken the Diploma in Journalism at the University of Canterbury; for overseas travel, research into news media. Value: \$5,800 per annum. Tenure: one year.

Bickerton-Widdowson Trust Memorial Scholarships: Open to any student enrolled for at least one year in the School of Fine Arts. Value: up to \$2,000 per annum. Tenure: one year.

The Canterbury Frozen Meat Company Postgraduate Scholarship in Business Administration: Open to graduates pursuing postgraduate studies in Business Administration. Value: For full-time students, one year, \$2,000 per annum. Tenure: For part-time students, up to four years, \$1,000 per annum.

The William and Ina Cartwright Scholarships: Open to graduates of not less than three years standing from first degree; for doctoral, post-doctoral, supervised research in postgraduate study. Value: Ph.D. level up to two years, \$5,304 per annum. Tenure: Other postgraduate study, up to one year, \$2,652 per annum.

Laura J. Ciad Memorial Scholarships: Open to students undertaking thesis for M.Sc or Ph.D. in the Faculty of Science; research topic must be relevant to regulations. Value: \$1,000 per annum. Tenure: one year.

Charles Cook, Warwick House, Scholarship: Open to all science graduates intending research; preference to students who have completed B.Sc.(Hons) or M.Sc. Value: \$600 per annum. Tenure: one year.

Friends of the Robert McDougall Art Gallery Scholarship: New award 1992-93; for tenure in 1993; open to students in Fine Arts eligible to enrol in 1993 for final year of Bachelor of Fine Arts. Value: \$1,000 per annum. Tenure: one year.

Graduates Association Scholarship: New Zealand citizens, graduates of the University of Canterbury; for Honours or Master's level of study within the Faculties of Arts, Commerce, Law, Music and Fine Arts; preference may be given to student enrolling for M.A. Value: \$1,500 per annum. Tenure: one year.

Sir Neil Isaac Scholarship in Geography: Open to students who, during the tenure of the award, are studying for a two year Master's programme (by thesis, or by thesis and examination) in the Department of Geography. Value: \$4,500 per annum, plus grants. Tenure: two years.

Ethel Susan Jones Fine Arts Travelling Scholarship: New Award 1992-93, open to students who have completed at least one term's study in Fine Arts studio course. Value: Up to \$10,000 per annum. Tenure: Not more than two years.

C. Wright Mills Scholarship in Sociology: Open to graduates of any university, especially the University of the South Pacific, thesis year only of M.A. in Sociology. Value: \$1,500 per annum. Tenure: one year.

Okamatsu: Open to students of Japanese language at level 2 or 3, to visit Japan. Students who are of Japanese nationality, or those students who have already spent more than three months in Japan, are not eligible to apply. Value: \$1,000 per annum. Tenure: one year.

Ethel Rose Overton Scholarship: Open to full time students enrolled for an approved course of study at the School of Fine Arts. Value: \$1,000 per annum. Tenure: one year.

Barbara Mito Reed Award: Open to New Zealand citizens or permanent residents who are graduates of Canterbury; for course of study at Canterbury or a University of Japan. Value: \$1,000 per annum. Tenure: one year.

Roper Scholarships in Science: Open to students eligible to enrol for Ph.D. level study in the Faculty of Science. Value: \$6,000 per annum. Tenure: two years.

Lord Rutherford Scholarship: Open to all graduates of a New Zealand university; New Zealand born or resident for more than seven years; for postgraduate study within New Zealand or overseas. Value: \$10,000 per annum, plus grants. Tenure: two years.

Sims Empire Scholarship: Open to all graduates of a New Zealand university; New Zealand born or resident for more than seven years; for postgraduate research in the UK. Value: \$10,000 per annum, plus grants. Tenure: two years.

Tytheridge Travelling Scholarship in Arts: Graduates with First Class Honours in either M.A., or Mus.B.(Hons); students at Canterbury in their Honours year and two years previously, and holders of their Honours degree for no more than three years; for research overseas. Value: \$6,000 per annum plus grants. Tenure: two years.

Engineering scholarships for 1993

The following engineering scholarships are offered for study at the School of Engineering in 1993. Information and application forms are available from the Scholarships Section, Level 3, Registry. Applications must be returned no later than 1 November.

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

Harold A. Longden Memorial Scholarship: Open to students who have passed the final exam for the Bachelor of Engineering (Mechanical) degree; for research relevant to the New Zealand steel industry, particularly New Zealand metallurgical development; a company brochure is available for inspection at Scholarships Counter or Engineering School Office. Value: \$5,000 per annum. Tenure: one year.

Mercer Scholarship: Open to students pursuing a course of research relative to aviation: computational or experimental fluid mechanics; high performance materials or structures; aircraft economics; operation, 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: \$5,500 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: \$5,500 per annum. Tenure: up to three years.

New Zealand Steel Research Scholarship: Open to students eligible for postgraduate study in research relevant to steel products, particularly the application to New Zealand engineering, metallurgical or building development. Value: \$10,000 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 M.E. (Electrical) degree; b) Ph.D. (Electrical); research relevant to communications and information technology in New Zealand. Value: Master's or Ph.D. level, \$10,000 per annum. Tenure: Master's one year; Ph.D. level, three years.

Notices

Advertisements

To let

Sunny 3 bedroom house on quiet crescent in Burnside. Features a double garage, logfire, nightstore heater, dishwasher and possibly washing machine, dryer and TV. Non-smokers. Available for 3 years from Feb 1993-Feb 1996. \$220 per week. Contact: Phone: 358 5235 or 325 5876.

Large 3 bedroom house with swimming pool and dog, available from mid-December 1992 until mid-January 1993. Near Westmoreland. Phone: 338 1651.

Quiet 2-bedroom fully-furnished flat, 5 minutes walk from the University. Available from November for approx. 6 months. Phone ext. 8474.

House exchange

Surrey, England/Christchurch. Christmas holidays. Family visiting Christchurch for two months, would exchange comfortable home near Weybridge. For details contact Malcolm Gordon, Phone: 325 2795 p.m.

House sitter wanted

December and January, Merivale area. Must be reliable and responsible. Phone Jim Lamare, ext. 6489 (days) or 355 2366 (evenings).

For sale

Sunny, tidy, four-bedroom family home situated on a private established section. Native and fruit trees abound. Newly renovated, new kitchen, separate shower, new carpet and drapes. Close to university. Phone ext. 6169 or 351 8865 evenings.

Retirement tax

Members of staff contemplating retirement from the University are advised that the Minister of State Services has announced that lump sum retirement payments will be made taxable from 1 April 1993. Lump sum payments from registered superannuation schemes (e.g. the Government Superannuation Fund) will be unaffected by this change.

Details of taxation rates are not yet available. Once received, these will be circulated to heads of departments and published in the *Chronicle*.

Holiday accommodation

Wanaka Pines Resort. Two weeks available for rent, 25 Dec. 1992 to 1 Jan 1993 and 1 Jan 1993 to 8 Jan 1993. Luxury accommodation, sleeps 7. Phone: 359 7195.

Akaroa, holiday house, 2 bdms, comfortable and fully equipped, next to Stanley Park, available for letting 5-19 January. Rent for 2 weeks, \$500 inclusive. Phone: 348 3982.

Holidays in Italy

If you are going to Italy and would like to stay on a small family farm in Tuscany (13km from Siena, 70km from Florence), phone 03-473 0278 (evenings), or write D. Little, 68 Bank St., Dunedin.

Accommodation wanted

Fully furnished house (pref. fairly close to the University) wanted by staff member and family, from around January 1993 and for at least six months. Phone Barry Blundell, ext. 7288, or Jandy, ext. 6089, or a.h. 351 6686.

Halls of Residence provide vacation accommodation

The Combined Halls of Residence have vacation accommodation available for conventions, conferences and sporting and cultural special events.

Accommodation is for between 30 and 700 in single room facilities. Each Hall has its own Dining Room with breakfast, lunch and dinner specially catered for. Small conference rooms available in halls with space for between 60 and 180.

For further information please contact the Conference Accommodation Officer, Mr Barry J. Turner, ext. 6991 (direct line 364 2991).

Life Insurance Retirement Funding Income Protection Education Funding General Insurance



Ryan McCutcheon
AMP Society

Phone
366-4019
372-0154
(Direct Dial)



University's Smoke-Free Policy

Introduction

The University of Canterbury has adopted a Smoke-Free Policy. Signs are placed at each entrance to buildings and provided to Departments for display at field stations.

The 'smoke-free' policy at the University of Canterbury is based on two assumptions:

- (i) that everyone is entitled to a smoke-free environment in all the areas normally used for study and work;
- (ii) that the implementation of the policy depends on everyone responding courteously and responsibly to the desire for a smoke-free environment.

Policy

- 1 Smoking is not permitted in the teaching and administration buildings (including the tea rooms) controlled by the University Council, (but see 2 below). There should be no smoking in any vehicles controlled by the University Council if they are used by more than one person.
- 2 Smoking is permitted, however, in personal offices. Members of the University wishing to smoke in such offices are asked to keep their doors closed, and windows opened for ventilation, and to consider people who may have to join them for consultations and meetings. Smokers should be aware that smoke can circulate from personal offices to other parts of the building, where it may affect non-smokers.
- 3 Staff who need to smoke from time to time should try wherever possible to do so during the regular tea and lunch breaks and out of doors.
- 4 The international no-smoking symbol is displayed in teaching and administration buildings as a reminder of the smoke-free policy.
- 5 Reminders of this smoke-free policy will be issued twice a year in the University *Chronicle*

Fire hazards

Those wishing to smoke are co-operating with the University's smoke-free policy by not smoking inside our buildings. This is to be commended. Would smokers, however, be cautious when disposing of cigarette butts as one case has been reported of a fire starting in the dry bark chip mulching on the garden area outside a building.

THE VARSITY LAW OFFICE

Providing quality legal services to staff and students at reasonable rates.

Our campus office is open each Friday at the UCSA 10.00 a.m. to 2.00 p.m.

For an appointment contact the UCSA office or phone Hamish Evans or Richard Gray

379-0920



ANTHONY HARPER
115 Kilmore Street, Christchurch

Ilam pupils enjoy lecture



A giant southern stone crab found off the coast at Kaikoura was the star turn at a lecture for pupils from Ilam School.

Dr Islay Marsden (Zoology) put on a lecture in A2 for 140 senior pupils from the school as part of a social studies unit on the University.

Earlier, Information Officer Jeff Field had talked to them about the University and answered their many questions, including "How many rooms are there in the University?" (Answer: 4,416 varying from office size to large lecture theatre) and "How big is it?" (Answer: floor area equivalent to 1,174 average-sized three-bedroom houses).

The University does not usually show primary school pupils around campus, but makes an exception for our largest neighbour, which does a university unit every second year.

Ilam Gardens' open days this month

In spite of 50 hours less sunshine this year and the garden world generally being a month behind, there are signs that the garden will be a blaze of colour and beauty for the annual open days on Sunday 18 and 25 October.

With more rain than last year springs have been recharged and the water table is rising, an aspect which seems to suit the trees and shrubs. The early red rhododendrons have been flowering brilliantly giving a good indication that later varieties and azaleas will be a sight to see.

Good stong growth has meant a solid flowering base and old favourites like Venus, I.M.S., Ilam Cream, Ilam cerise will be in fine form. In the new garden near College House many of our own raised hybrids are flourishing and the various flowering cherries including the graceful yedoensis have been a mass of blossom.

This year, on Sunday 18 October and Sunday 25 October the gardens will be open for public viewing and if the weather is kind thousands of garden lovers will take the opportunity to enjoy the colour and beauty. Traditionally the arrangements are shared by the University and Canterbury Horticultural Society, refreshments are available and a small donation is asked.

Seedlings of our open ground deciduous azalea hybrids are now on sale at the Homestead Lane Nursery. Simon, phone 348 6548, will look after your requirements. These well grown 5-year olds are seedlings

from open pollinated plants in the main show beds and represent the best of selected forms and colours.

All are from the renowned Knap Hill - Exbury line and with continual selection have become known as Ilam Hybrids. We have selected 12 of the best in colour and form to propagate vegetatively and develop as a range of named cultivars. This selection is being raised for garden display and general release later.

Satsuki Evergreen Azaleas

This group of small-growing named varieties originated from Japan where many were rare, arriving in U.S. in 1977. They were selected primarily at Kairyō nursery and introduced to America under sponsorship from the Azalea Society of America which administered propagation and distribution under their Satsuki Project.

They are hardy, most suitable for edging, rockeries and have unusual flower colours of blotched pink, red, white and various intermediate shades. All are named (in Japanese) and have become well acclimatised to local conditions and responded to propagation since arrival at Ilam six years ago. Normal maintenance treatment is required for these unusual plants which are available now in limited quantity.

Planting the School of Law

Campus watchers will have noticed high activity around the new Law building recently. Landscape planting to the approved

PeoplePeoplePeople

Dr Bill Black (Psychology) has been re-appointed Director of the Macmillan Brown Centre for Pacific Studies for a five-year term starting on 1 April 1993.

Dr Malama Meleisea has been re-appointed Director of the Macmillan Brown Centre for Pacific Studies for a five-year term starting on 1 April 1993.

Continuing staff appointments notified in September include: **Mrs J. A. Hamilton**, Half-time Secretary in the Department of Management, replacing temporary position, from 14 September 1992; **Mrs E. M. Knibb**, Secretary in the School of Fine Arts from 21 September 1992; **Miss H. A. Regaldo**, Secretary in the School of Law from 5 October, 1992.

Retirements and resignations notified in September include: **Mr R. N. Erwin**, Associate Librarian, Library, retirement as from 31 January 1993; **Miss L. E. A. Fellowes**, Technician III, PAMS, resignation as from 8 October; **Mr D. J. Hosie**, Temporary Technician I, Civil Engineering, resignation as from 30 August; **Mrs N. P. Jones**, Secretary, Music, retirement as from 2 February 1993; **Dr M. A. Peters**, Lecturer, Education, resignation as from 31 January 1993; **Ms K. J. Roberts**, Trained Teacher (P/T), Early Childhood Learning Centre, resignation as from 9 October; **Dr K. L. Shea**, Senior Lecturer, Economics, resignation as from 31 December; **Mr L. T. Williams**, Printing Tradesperson, Printery, resignation as from 16 October.

plan has been completed and 1400 trees, shrubs and ground cover plants put out to form the initial planting. An interesting variety has been used from pin oaks, native pongas, liquid ambers and daphne to some of our best rhododendron and azaleas.

The building design allows for generous amounts of planting areas with different conditions present and a wide range of plants with differing requirements is called for. To reduce maintenance all beds will be covered with pine bark mulch and an irrigation system installed to cope with summer conditions.

The surface, formed of permanent paving is an introduction to campus landscaping and appears to be the answer where areas of lawn become muddy through winter foot and vehicle traffic.

— Peter Cadigan, Superintendent of Grounds

Chronicle

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