

the next step

graduation 2006

Programme



**Lincoln
University**
Te Whare Wānaka o Aoraki

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Lincoln University Graduation Programme

28 April 2006

Christchurch Town Hall
Christchurch, New Zealand



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University**
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Introduction

Graduation serves to mark the transition from student or undergraduate status to graduate or diplomate status which accords membership of the University. The ceremony emphasises this in a number of different, but related, traditional ways, reflecting both the long Western academic tradition and Māori tradition.

At the start of the ceremony, after the academic procession has entered the auditorium, there will be a powhiri, which is a formal Māori welcome. This serves to welcome the graduands and diploma or certificate recipients as fully-fledged members of the University community.

While most of those receiving awards will have entered the auditorium before the powhiri, the masters and doctoral graduands will represent all the group when they enter in the traditional Māori manner during the powhiri. They will be called into the auditorium by taua (older women) from the Kai Tahu, the takata whenua (people of the land) of Lincoln University. This call is called a karaka. The call will be answered by a taua accompanying the graduands. The masters and doctoral graduands will move slowly into the auditorium while the karaka takes place.

A kaumatua (elder) of the Kai Tahu will then give a whakatuwheratanga (speech of blessing). This will be followed by the waiata (song), E Te Iwi, the words of which are to be found on page 5 of this programme.

During the singing of the waiata, one of the graduands will present the pounamu. The pounamu symbolises the education that those receiving awards have undertaken. As rough greenstone is smoothed and polished, it gains in beauty. The pounamu used in the ceremony has one face polished, while the remainder is in its natural state. The pounamu, which will sit at the front of the stage, opposite the mace, represents the way in which the graduates or diplomates have been “polished and elevated” by their education at Lincoln, while also symbolising the potential in all of us for further learning and refinement.

During the ceremony, each recipient is called on to the stage by name. In the centre of the stage, each graduate is ‘capped’ by the Chancellor of the University to signify the conferment of a degree. Having had the degree conferred, the new graduate is then free to put on the trencher, which is the symbol of graduate status. Each graduate or diplomate receives a parchment which has been sealed with the University seal and which certifies the conferral of the degree or diploma. The graduate or diplomate then returns to his or her seat in the auditorium.

After the degrees have been conferred and the diplomas and certificates presented, the Chancellor calls all present to rise and sing one verse of the National Anthem, symbolising the part played by the University in the nation’s life. Following this, the audience is asked to sing the medieval academic anthem Gaudeamus, the words of which are to be found on page 5 of this programme.

The Esquire Bedel then takes the mace and leads the procession, the graduates and the diplomates from the auditorium.

The audience is asked to remain standing until all the graduates and diplomates have left the auditorium, as a mark of respect for their achievements.

Chancellor	Thomas C. Lambie, CNZM, BAgCom, FNZIM
Vice-Chancellor	Professor R.J. Field, BSc (Hons), PhD (<i>Hull</i>), FNZIM
Deputy Vice-Chancellor	Dr Christopher M. Kirk, BSc, MSc, PhD (<i>Cant</i>), MBA (<i>Massey</i>).
Assistant Vice-Chancellor (Academic)	Professor Sheelagh M. Matear, BSc (Hons), MSc, PhD (<i>Plymouth</i>)
Assistant Vice-Chancellor (Maori)	Associate Professor H.P. Matunga, BA (<i>Otago</i>), BTP (<i>Auck</i>)
Division Directors	
Agriculture and Life Sciences	Professor Brian R. Jordan, BSc, PhD (<i>N'cle UK</i>)
Bioprotection and Ecology	Professor John G. Hampton, MAgSc (<i>Cant</i>), PhD (<i>Nott</i>), CPAg, FASNZ, MRSNZ,
Commerce	Dr Patrick H.B. Aldwell, BEd, MA (<i>Massey</i>), MBA (<i>Monash</i>), PhD (<i>Washington</i>), DipAgr
Environment, Society and Design	Dr Stefanie S. Rixecker, MA (<i>Loyola</i>), PhD (<i>Purdue</i>)
Public Orator	Dr Stefanie S. Rixecker, MA (<i>Loyola</i>), PhD (<i>Purdue</i>)
Esquire Bedel:	Neil G. Gow, BAgSc



Order of Proceedings

The Chancellor of Lincoln University, Thomas C. Lambie, presides over the graduation.

The procession of graduands, diploma/certificate recipients, university staff and council members marches through the city to the Town Hall led by the Esquire Bedel who bears the University mace. On arrival at the Town Hall, the graduands are marshalled and then enter the auditorium.

The audience will stand during the entry of the academic procession and will sit when the mace is seated.

The powhiri will take place, led by a kaumatua of Kai Tahu. The doctoral and masters graduands will be called into the auditorium.

The waiata will be followed by the presentation of the pounamu, symbolising the knowledge graduands have gained and the polishing acquired through the process of education.

Welcome by the Chancellor.

Conferment of the degree of Doctor of Philosophy and of masters degrees and bachelors degrees with honours and presentation of postgraduate diplomas and certificates by the Chancellor.

The Vice-Chancellor of Lincoln University, Professor R.J. Field.

Conferment of degrees and presentation of graduate diplomas and certificates in the sciences and primary production by the Chancellor.

Conferment of the degree of Doctor of Science *honoris causa*: Hon Margaret E. Austin, MNZM, BSc (*Cant*), AIE, FNZIM

Conferment of degrees and presentation of graduate diplomas and certificates in applied computing, landscape architecture, parks, recreation and tourism management, recreation management, resource studies, Maori studies and social science by the Chancellor.

The President of the Lincoln University Students' Association, Paul Rutherford.

Presentation of the Excellence in Teaching Awards:

Sustained Excellence: Graeme D. Buchan, MSc, PhD (*Aberd*), CPhys, MInstP, FRMetS, FIEnvSci

Excellence in Innovation: Neil Challenger, BA, PGDipLA (*Cant*), FNZILA

Conferment of degrees and presentation of graduate diplomas and certificates in commerce by the Chancellor.

Presentation of the Lincoln University Alumni International Medal: Murray D. Dawson, BAgSci (Lincoln), MSc, PhD (Cornell)

Conferment of the degree of Doctor of Commerce *honoris causa*: Allan J. Hubbard, QSM, BCom (*Otago*), Hon LLD (*Otago*)

Presentation of undergraduate diplomas by the Chancellor.

The Bledisloe Award for 2006: Wilson J. Whineray, NZM, OBE, DipVFM (*Lincoln*), BCom (*Auck*), MBA (Harvard)

All present will rise and sing one verse of the National Anthem, followed by the song Gaudeamus.

The academic procession will then leave the auditorium. The graduates and diplomates will follow. The audience will remain standing until the graduates and diplomates have left the auditorium.

E TE IWI

E te iwi
E te iwi
Tenei matou katoa
E mihi atu nei
Tena koutou
Tena koutou e.

Translation:

To you the people
To you the people
We greet you all
Greetings
Greetings everyone

E Te Iwi was composed by Kai Tahu Taua, Hariata Baker. It was often sung after speeches made by Kai Tahu Poua, Riki Ellison and Ropata Wahawaha Stirling. The late Poua Stirling was Lincoln University's kaumatua and was awarded the degree of Doctor of Natural Resources *honoris causa*, in 1996.

GOD DEFEND NEW ZEALAND

God of nations at Thy feet
In the bonds of love we meet.
Hear our voices, we entreat,
God defend our free land.
Guard Pacific's triple star
From the shafts of strife and war.
Make her praises heard afar,
God defend New Zealand.

E Ihoa Atua
O nga Iwi Matoura
Ata whaka rongona;
Me aroha noa
Kia hua ko te pai;
Kia tau to atawhai;
Manaakitia mai
Aotearoa

GAUDEAMUS

Gaudeamus igitur, juvenes dum sumus;
Gaudeamus igitur, juvenes dum sumus.
Post jucundam juventutem, post molestam
senectutem,
Nos habebit humus, nos habebit humus.
Vivat Academia, vivant professores!
Vivat Academia, vivant professores!
Vivat membrum quodlibet, vivant membra
quaelibet,
Semper sint in flore! Semper sint in flore!

Translation:

Let us rejoice then while we are young
When sweet youth's past and crabbed age is
done
The grave will have us, everyone.
Long live the University,
long live the staff!
Long live each one,
of whatever degree!
May they ever so flourishing be!

MUSIC

Organist: Martin Setchell, Associate Professor
of Music, University of Canterbury, Christchurch
Town Hall Organist.

The singing will be led by the Lincoln University
Choir.



Academic Dress – The Tradition

In common with English universities, those in New Zealand have a system of academic dress which is worn by graduates to indicate their degree i.e. bachelor, master or doctor. This dress has evolved through the centuries from ordinary clothing. The gown was a medieval topcoat or cloak and the hood, a headcover.

The Lincoln University undergraduate diploma gown is black with green facings.

The bachelors gown is of Norman origin, the masters gown is of Tudor inspiration. The cap for all graduates other than the doctors is a black

trencher with a tassel. Doctoral graduates wear a velvet bonnet.

Gowns for Lincoln degrees, except for doctorates, are black. The Lincoln Ph.D. gown is black with blue facings, while for higher doctorates, the gowns are red with facings of blue (Doctor of Science), gold (Doctor of Commerce) or green (Doctor of Natural Resources).

At Lincoln University, the different hood colours denote the different degrees.

BAgr, BAgSc, BAgSc(Hons) and MAgrSc	<i>Emerald Green</i>
BHort, BHortSc, BHortSc(Hons) and MHortSc	<i>Pea Green</i>
BSc, BSc(Hons), MSc and MAppSc	<i>Ultramarine</i>
BCM, BCom(Hons) and MCM	<i>Indian Yellow</i>
BCom(Ag), MCom(Ag), BCom(Hort), BCom(Tourism), BCom(VPM), BCom(T&L), BCom(MTM), BCom(H & IM), BCom(Forestry), BCom(Food Ind), MPropStuds and MProfStuds	<i>Spectrum Orange</i>
BPR & TM, BRM, BRM(Hons) and MPR & TM	<i>Neyron Rose</i>
BTourMgt, BTourMgt(Hons) and MTourMgt	<i>Dusty Pink</i>
BLA, BLA(Hons) and MLA	<i>Chartreuse Yellow</i>
BRS, BRS(Hons), BEM, BEM(Hons), MRS and MEP	<i>Mauve</i>
ME	<i>Violet</i>
BAppComp, BAppComp(Hons) and MAppComp	<i>Turquoise</i>
BSocSc, BSocSc(Hons) and MSocSc	<i>Cherry Red</i>
BMAst, BMPD and MIPD	<i>Honey Bird</i>
BV&O	<i>Champagne</i>
PhD	<i>Ultramarine and Indian Yellow</i>
Undergraduate Diploma	<i>Black gown with Emerald Green facings</i>
Postgraduate and Graduate Diplomas and Graduate Certificates	<i>Lincoln Grey</i>

Degrees to be conferred and diplomas or certificates to be presented at the Ceremony

Degree of Doctor of Philosophy

Stuart Douglas **Card**, *in Plant Pathology*
Sireerat **Chetsumon**, *in Farm Management*
Bhubaneswor **Dhakal**, *in Forest Policy*
Abel **Duarte Alonso**, *in Tourism Management*
Adam Paul **Friend**, *in Grapevine Physiology*
Andrew Walter **Greer**, *in Animal Science*
Melanie Louise **Haines**, *in Entomology*
Toni Elizabeth Tania **Jenkins**, *in Plant Biotechnology*
William Henry **Kaye-Blake**, *in Economics*
Christopher Simon **Kerr**, *in Environmental Management*
José Alberto **Laporte-Uribe**, *in Animal Science*
Jian **Li**, *in Accounting*
Visit **Limsombunchai**, *in Economics and Finance*
Carolyn Vivienne **Mander**, *in Insect Pathology*
Sathiyamoorthy **Meiyalaghan**, *in Plant Biotechnology*
Brett Duncan **Painter**, *in Natural Resources Engineering*
Lora Rose **Peacock**, *in Entomology*
Brenda Marjorie **Pottinger**, *in Plant Pathology*
Samantha Leia **Scarratt**, *in Entomology*
John Andrew **Schischka**, *in Economics*
Tripti **Singh**, *in Plant Pathology*
Edmar Imperatrice **Teixeira**, *in Crop Physiology*
Hettiarachchige Don Vasaba Suneedha **Vattala**, *in Ecology*

Master of Agricultural Science

Benjamin Jon **Gillespie**, *in Pasture Science*



Master of Applied Science

Anna Michelle **Paton**, *with Distinction, in Farm Management Consulting*
Brendan David **Richards**, *with Distinction, in Farm Management Consultancy*
James Holloway **Woods**, *with Distinction, in International Rural Development*
Mariana Leonor **Vargas**, *Second Class Honours, Division I, in Molecular Ecology*
Alan Scott **Ambury**, *in Environmental Politics*
Julie Mary **Furlong**, *in Animal Science*
Cynthia **Gabiana**, *in Crop Agronomy*
Stephanie Remail **Grogan**, *in Environmental Management*
Gemma Lee **Henry**, *in Environmental Management*
Penelope Helen **Lemon**, *in Environmental Management*
Jason Antoni **Leppens**, *in Social Science*
Zhen **Li**, *in Transport Studies*
Karen Judy Lee **O'Donohue**, *in Environmental Management*
William Robert Alistair **Rowe**, *in Environmental Management*
Qi **Tang**, *in Transport Studies*
Andy McKee **Thompson**, *in Tourism and Conservation Management*
Neil Edward **Walkinshaw**, *in Environmental Management*

Master of Applied Computing

Nicolas Jon **Smith**

Master of Commerce and Management

Guozhou **Li**, *with Distinction, in Finance*
Elizabeth **Nichols**, *Second Class Honours, Division I, in Corporate Responsibility*
Bin **Yang**, *Second Class Honours, Division I, in Marketing*
Darren Richard **Austin**, *in Applied Econometrics*
Muhammad Annizam **Mohd Mohtar**, *in Business Management*
Yuanyuan **Xin**, *in Marketing Management*
Sheng **Xu**, *in Accounting*
Liyan **Zheng**, *in Marketing*

Master of Commerce (Agricultural)

Ricardo Manual **Lazo Martinez**, *with Second Class Honours, Division I, in Agribusiness*

Master of Environmental Policy

Miria Barbara **Lange**, *First Class Honours*
Amy Louise **Melville**, *First Class Honours*
Donald Geoffrey **Syme**, *Second Class Honours, Division I*

Master of Landscape Architecture

Shannon **Davis**
Christine Anne **Heremaia**
Wendy Rosalie **Hoddinott**

Master of Professional Studies

Neil **Miller**, *with Distinction, in Transport Management*
Richard Joseph **Burns**, *in Environmental Management*
Mark William **Findlater**, *in Transport Management*
Conrad Harald Christian **Petersen**, *in Transport Management*
Mark Hugh **Pizey**, *in Environmental Management*
Amanda Wendy **Townsend**, *in Hospitality and Tourism Management*
James Maxwell **Upton**, *in Transport Management*

Master of Property Studies

Gary Phillip **Nichols**

Master of Resource Studies

Melissa **Renganathan**, *Second Class Honours, Division I, in Environmental Management*

Master of Science

Laura Louise **Allum**, *First Class Honours, in Environmental Toxicology*
David John **Catherwood**, *Second Class Honours, Division I, in Food Biochemistry*
Bede Julian Thomas **McCarthy**, *Second Class Honours, Division I, in Ecology*

Master of Social Science

Paul Anthony **Cottam**, *in Sociology*

Bachelor of Agricultural Science with Honours

Samuel James **Dennis**, *First Class Honours*
Emily Claire **Kearns**, *First Class Honours*
Jennifer Ngaire **Neal**, *First Class Honours*
Nathan John **Smith**, *First Class Honours (Posthumous award)*
Craig George **Trotter**, *First Class Honours*
Phillip John **White**, *First Class Honours*
Natalie Rose **Mapp**, *Second Class Honours, Division I*
Alexandra **O'Connell**, *Second Class Honours, Division I*
Rowan Paul **O'Connor**, *Second Class Honours, Division I*

Bachelor of Applied Computing with Honours

Jonathan Paul **Festing**, *First Class Honours*
Jefferson Ray Tan **Hidayat**, *First Class Honours*

Bachelor of Commerce with Honours

Liang **Chang**, *First Class Honours*
David Howard **Fulton**, *First Class Honours*
Jennifer Lynne **Greathead**, *First Class Honours*
Matthew William **Hannah**, *First Class Honours*
Jingfang **Jia**, *First Class Honours*
Hai Yan **Jiang**, *First Class Honours*
Michael George **Lucking**, *First Class Honours*
Rachel Jane **McGregor**, *First Class Honours*
Glen Raymond **Moroney**, *First Class Honours*
Lisa Irene **Morton**, *First Class Honours*
Nigel James **Price**, *First Class Honours*
Mark **van Zijll de Jong**, *First Class Honours*
Samuel William Gordon John **Brooks**, *Second Class Honours, Division I*
Daniel Glen **Cameron**, *Second Class Honours, Division I*
Hugh McCombie **Copland**, *Second Class Honours, Division I*
Mark John **Greer**, *Second Class Honours, Division I*
Grant David **McCulloch**, *Second Class Honours, Division I*
Charlotte Lucy **Paton**, *Second Class Honours, Division I*
He Wang **Philpott**, *Second Class Honours, Division I*
Scott Alan **Sparks**, *Second Class Honours, Division I*
Maria Carmela **Walding**, *Second Class Honours, Division I*
Gregory David **Wall**, *Second Class Honours, Division I*
Shuo **Zhou**, *Second Class Honours, Division I*

Bachelor of Horticultural Science with Honours

Sarah Lee **McBeth**, *First Class Honours*

Bachelor of Science with Honours

Ashley Allan Kenneth **Shadbolt**, *First Class Honours*
Amy Louise **Small**, *Second Class Honours, Division I*

Postgraduate Diploma in Commerce

Chang **Yang**, with Distinction
Khin Siang **Goh**
Rong **Ren**
Lujia **Zhang**
Yan **Zhang**

Postgraduate Diploma in Social Science

Yvette Elizabeth **Kinsella**

Postgraduate Certificate in Applied Science

Katherine Lyall **Berkett**
Jenny Hongying **Zhao**

Postgraduate Certificate in Commerce

Kirsten Jane **Hooper**

Bachelor of Resource Studies/Bachelor of Science (Conjoint degree)

Sean Graham **Fergus**

Bachelor of Agricultural Science

Martyn Seymour **Griffiths**
Mervyn Blake **Marshall**
Matthew Emmet John **O'Sullivan**
Randal **Toonen**

Bachelor of Agriculture

Caroline Jane **Askin**
Benjamin Jon **Gillespie**
Edrick **Manepuhi**

Bachelor of Horticultural Science

Kemsley Diedriech **Eggers**

Bachelor of Science

Christian Paul **Atino**
Anna-Marie **Barnes**
Julia Ann Glynn **Bisset**
Cameron Brent **Burt**
David John **Catherwood**
Amy Johanna **Den Haring**
Tamara Jane **Dickinson**
Joanne Bridget **Drummond**
Nicholas Caird **Entwistle**
Emma Margaret **Fox**
Sarah Anne **Hutchins**
Pey Yng **Koay**
Li Jinyu
Chit Wei **Long**
Hannah Sophie **Markham**
Jillian Rae **McCaw**
Meagan Elizabeth **McLeod**
Xiaorui **Niu**
Shona Ann **Sam**
Ashley Allan Kenneth **Shadbolt**
Jodi Michelle **Turnbull**
Hwei Min **Wong**

Bachelor of Viticulture and Oenology

Simon James **Anderson**
James Paul **Bowskill**
Matthew Russell **Ensor**
Victor Alfredo **Flores De La Parte**
Duncan Lindsay **Gibson**
Lyndon John **Greening**
Peter William **Hendle**
Lisa Shirley **Hiscock**
Kerry Theresa **Hoggins**
Kirsten Jane **Hooper**
Francis McKeefry **Hutt**
Katey Jane **McNulty**
Helen **Morrison**
Carl Andrew **Nicholson**
Samuel William Andrew **Woods**

Graduate Diploma in Applied Science

Wendy Ellen **Mayer**
Anshu **Sharma**
Rakesh **Verma**

Graduate Diploma in Viticulture and Oenology

Gary Hugh **Ford**

Graduate Certificate in Applied Science

Gaolang **Song**
Nicoline Yvonne **van Loenen-den Breems**

Bachelor of Applied Computing

Ning Ning **Bian**
Wei **Cai**
Jeng Wai **Chan**
Jian **Fu**
Xiao Tao **Li**
Davina Joy **McLean**
Jahan Nicholas **Pitcorn**
Simon James **Proctor**
Scott Terence **Rains**
Darren Trevor **Walmsley**
Yuan **Wen**
Yu **Wu**
Fuji **Yan**
Ziyan **Zhang**

Bachelor of Environmental Management

Dale Ellen **Ross**, *Senior Scholar*
Samuel Jai **Barry**
Katherine Lyall **Berkett**
Sarah Elizabeth Beryl **Booker**
Toni Elizabeth **Braddick**
Christina Joy **Cradock**
Jenna Renee **Donaggio** née Rawsthorne
Anthony Ross **Hall**
Richard Craig **Harris**
James Edward **Kilbride**
Andrew Noble Shane **Mactier**
Renee Estelle **McMillan**
Craig Jonathan **Redmond**
Wendy Sarah **Robertshaw**
Lucy Catherine **Rossiter**
Mason John **Scheele**
Andrea Jane **Sinclair**
Susan Nausikaa **Stearn**
Jamie **Vinton-Boot**
Nichola Ann **Wetton**

Bachelor of Landscape Architecture

Christopher Ian **Punt**, *Second Class Honours, Division I*
Charlotte Elizabeth **Grant**, *Second Class Honours, Division II*
Frances Jean **Gunn**, *Second Class Honours, Division II*
Yunlong **Han**, *Second Class Honours, Division II*
Kelly-Jean **Kerr**, *Second Class Honours, Division II*
Brion James **Matthews**, *Second Class Honours, Division II*
Karl Andrew **Odell**, *Second Class Honours, Division II*
Victoria Louise **Stableford**, *Second Class Honours, Division II*
Megan Florence **Taylor**, *Second Class Honours, Division II*
Kwai Fung **Tran**, *Second Class Honours, Division II*
Pak Tak **Chan**
Ainsley Lena **Chapman**
Syl Vin **Ong**



Bachelor of Maori Planning and Development

Kopa **Lee**

Bachelor of Parks, Recreation and Tourism Management

Rebecca Alicia **McLeod**

Bachelor of Recreation Management (Community Recreation)

Amanda Ann **Hellyer**
Billie-Jo Sue-Ann Rawhinea **Jones**
Gemma Marie **Stewart**
Kirsty Emma **Taylor**
Karena Maree **Van Dyk**

Bachelor of Recreation Management (Outdoor Leadership)

Erin Fleur **Smith**, *Senior Scholar*
Graeme Llewellyn **Davies**

Bachelor of Recreation Management (Parks)

Samuel **Bamford**
Megan Kate **Carpenter**
Melanie **Isaacs**
Grant Norman **MacLeod**

Bachelor of Recreation Management (Sport)

Michelle Susan **Arbuckle**
Gareth William **Archer**
Annabel Kate **Chambers**
Amy Louise **Chrisp**
Lewis John **Cody**
Charlotte Frances **Fry**
Debby Elizabeth **Gross**
Annie Elizabeth **Hare**
Michelle Anne **Kirton**
Frances Helen **Lea**
Elizabeth Jane **Maister**
Sara Jade **McGlashan**
Louise Elizabeth **Milliken**
Katy Alice **Vlaar**
Murray **Yeoman**

Bachelor of Recreation Management (Tourism)

Cameron Robert **Smith**
Karla Jane **Webb**

Bachelor of Resource Studies

Sean Tristan **Dent**
Rowan David **Little**
Ian David **McFarlane**
Jay Daniel **Whitehead**

Bachelor of Social Science

Catherine Johan **Bonifacio**
Maree Julia **Golding**
Lynette Joy **Minchington**
Linda Jennifer **Raper**
Grant Lindsay **Ross**

Bachelor of Tourism Management

Olivia Jayne **Abbott**
Jiesi **An**
Richard **Askin**
Hannah Kate **Babe**
Yun Jung **Bae**
Alana Elizabeth **Bryant**
Stephanie Megan **Curd**
Li **Du**
Paula Judith **East**
Elizabeth Raelene **Hogg**
Xinyi **Li**
Michelle Jane **Little**
Lauren Jaime **McLean**
Wei **Ren**
Xiaojing **Sheng**
Terry-Lee Veronica **Tomlin**
Miriam **Tuiloma**
Carlene **Upton**
Tessa Antonia **Warren**

Graduate Diploma in Applied Computing

Long **Wang**

Graduate Diploma in Tourism Management

Fei **Liang**

Graduate Certificate in Applied Computing

Ian David **McFarlane**

Graduate Certificate in Landscape Studies

Victoria Louise **Stableford**
Kwai Fung **Tran**

Graduate Certificate in Resource Studies

Ian David **McFarlane**

Bachelor of Commerce (Agricultural)

Fraser James **Anderson**
John Joseph **Assen**
Brent Stanley **Austin**
Hamish Atholl **Blackmore**
Daniel Ian **Brice**
William Gray **Burrett**
James Murray **Christie**
Tessa Johanna **Devine**
Angela Joy **Digby**
Christopher Donald James **Green**
Christopher James **Harvey**
Logan James **Hastings**
Nicholas William **Johns**
Kylie Ann **Kjestrup**
Lydia **MacFarlane**
Hayley Marie **Marshall**
Henry James **Matheson**
Adam Hugh **McCall**
Timothy Hunter **McRae**
Aaron David **Price**
Simon George **Rabbidge**
Brendan David **Richards**
Vanessa Jane Freya **Roberts**
Michael Edward **Royston**
Vincent James **Thyne**
Daniel Cees **Van der Salm**
Hamish Simon **Walker**
Elizabeth May **Wagh**
Benjamin John **Woodhouse**

Bachelor of Commerce (Agriculture)

Daniel Wayne **Blair**
Kieran Paul **Bourke**
Samuel Phillips **Bunny**
Hamish Scott **Galletly**
Larry Arthur **Harden**
Christina Hazel **King**
Jacques **Le Prou**
Charlotte Grace **Lindsay**
William Albert **Lowe**
Ryan James **Moseby**
Shaun Gregory **Pulham**
Matthew John **Ryan**
Benjamin Murray **Wilson**
Bevan Thomas **Wilson**

Bachelor of Commerce (Food Industry)

Hua **Gong**

Bachelor of Commerce (Forestry)

Hong Hung **Huang**
James Fryer **MacKie**
John Joseph **Rasmussen**



Bachelor of Commerce (Horticultural)

Jane Elizabeth **McCormick**

Bachelor of Commerce (Hotel and Institutional Management)

Lye-Meng Michele **Chan**
Elton Aaron **Gomes**
Pasagorn **Kotepong**
Mia Catherine **Robertson**
Yuxin **Song**
Jing **Su**
Na **Yang**
Wanbing **Zhu**

Bachelor of Commerce (Tourism)

Iain Anthony **Robertson**

Bachelor of Commerce (Transport and Logistics)

Murray Hugh **England**
Tong **Luo**
Jin **Pan**
Lin **Shao**
Haitao **Sun**
Fengwei **Xiao**
Yuanyuan **Xu**
Yumin **Zhang**

Bachelor of Commerce (Valuation and Property Management)

Andrew John **Barclay**
Richard Peter **Beban**
Christopher Gerald **Cochrane**
Rodrigo Anthony **Herring**
Damian James **Kennedy**
Chuu Yau **Lim**
Yaw Chyi **Lum**
Christopher John **Mackenzie**
Caiti Marie **Morgan**
Benjamin John **Rosewall**
Thomas Robert **Stafford**

Bachelor of Commerce and Management

Kanyan Li, *Senior Scholar*

Dayang Wahida **Abang Abdul Wahap**

Scott Patrick **Alfeld**

Darren Michael **Allchurch**

Jiahui **An**

Monindra Anthony **Anbu**

Feng **Ba**

Hua **Bai**

Xueyin **Bai**

Rachel Louise **Black**

Lisa Michelle **Brown**

Hui **Cai**

Li Na **Cao**

Liang **Chang**

Lingyun **Chang**

Yu **Chao**

Wanqing **Che**

Fei **Chen**

Jia **Chen**

Minghao **Chen**

Tian **Chen**

Yidong **Chen**

Ying **Chen**

Lu **Cheng**

Yi Chen **Chia**

Yu Wen **Chien**

Yuth **Chundprasit**

Dale James **Cook**

Benjamin Simon **Craw**

Xiao Wei **Cui**

Matthew Brent **Cunningham**

Jiahan **Dai**

Nan **Dong**

Yun **Du**

Joseph John **Eastgate**

Dawei **Fan**

Jingjing **Fan**

Lin **Feng**

Yan **Feng**

Claire Daphne **Fensom**

Kane Gillespie **Finnie**

Fei **Gao**

Ying **Gao**

Yun **Gao**

Yuanyuan **Ge**

Rebecca Louise **Goodson**

Vanessa Monique Clare **Govan**

Rui **Gu**

Ji **Guo**

Liang **Guo**

Sha **Guo**

Xiao Dan **Guo**

Guangju **Han**

Xue **Han**

Nicola Mary **Hart**

Rachel Heather **Hewitt**

Mei Oi **Ho**

Samuel Garland **Horrocks**

Xiaodan **Hu**

Binghong **Huang**

Li **Huang**

Paul James **Hutchison**

Pengyun **Ji**

Bo **Jiang**

Yi **Jiang**

Justin Blair **Jones**

Tingting **Kan**

Reiko **Katsuki**

Joel James **Kendall**

Dae-Keun **Kim**

Katherine Mary **Letham**

Gang **Li**

Ning Hai **Li**

Xia **Li**

Xuefeng **Li**

Li Yuan **Liang**

Ping-Chung **Liang**

Jun **Lin**

Han Hee **Ling**

Le Min Irene **Ling**

Matthew John **Ling**

Cen **Liu**

Chanjie **Liu**

Dawei **Liu**

Jin **Liu**

Jing **Liu**

Xiaowen **Liu**

Yan **Liu**

Yi **Liu**

Yi **Liu**

Zheng **Liu**

Jiabei **Lu**

Xiaofei **Lu**

Xin **Lu**

Hsiang-wei **Ma**

Rui **Man**

Madeleine Bess **Martin**

Benjamin Christopher **McCambridge**

Monique Claire **McKenzie**

Sonia Mary **McKerchar**

Tania Marie **Mugford**

Siew Khim **Ng**
Fiona Catherine **Nimmo**
Liam Michael **O'Sullivan**
Qi Pan
Shaohua **Peng**
Hayden McAlaister **Preece**
Hao Qu
Min Ren
Andrew James **Ritchie**
Michael Peter **Rutledge**
Kesavan **Satkunam**
Nur Akasyah **Shahril**
Jia Qi **Shi**
Xiaobei **Shi**
Xin Shu
Ying Qi **Song**
Jiayuan **Sui**
Fan Jun **Sun**
Andy **Sunarto**
Guoyi **Tan**
Alanna Jane **Taylor**
Larisa Ann **Taylor**
Siong Kai **Teo**
Ruilin **Tu**
Elisabeth Maria **Van Royen**
Dan **Wang**
Guan **Wang**
Hong **Wang**
Lianjie **Wang**
Qian **Wang**
Wang Xuemeng
Yan **Wang**
Ying **Wang**
Jue **Wei**
Qiang **Wei**
Caroline Hui Ling **Wong**
Lanyan **Wu**
Xiaoli **Wu**
Junquan **Xiao**
Xiangxin **Xie**
Miao **Xu**
Jie **Xue**
Tao **Xue**
Yi (Amanda) **Yan**
Changying **Yang**
Chen **Yang**
Xiaomei **Yang**
Yuwen **Yang**
Fang **Yin**
Hao **Yu**
Jie **Yu**
Dandan **Yue**

Haiyi **Zeng**
Bin **Zhang**
Dongmei **Zhang**
Lei **Zhang**
Lina **Zhang**
Ruoxi **Zhang**
Sha **Zhang**
Zhang Xuan
Yang **Zhang**
Zhen **Zhang**
Jie **Zheng**
Ruting **Zheng**
Wei **Zheng**
Qi **Zhou**
Lin **Zhu**
Yanfeng **Zhu**
Yu **Zhu**
Meng **Zuo**

Graduate Diploma in Commerce

Nicola Anne **Campbell**
Christopher William **Gibbs**
Ashley Robert **Parkes**
Xueyan **Song**
Magdy Wadie Rizkallah **Tadros**

Graduate Diploma in Valuation

Larry Arthur **Harden**
Yong **Wang**

Graduate Certificate in Commerce

Kirsten Jane **Hooper**
Rowan David **Little**
Louise Elizabeth **Milliken**
Caiti Marie **Morgan**
Glorymore **Sibiya**

Diploma in Farm Management

Amy Lee **Reith**, *with Distinction, Gold Medallist*
Haydn James **Blatch**, *with Distinction*
Richard Paul **Currie**, *with Distinction*
Jeffrey Grant **McDonald**, *with Distinction*
David John **O'Sullivan**, *with Distinction*
David Charles **Begg**
Daniel Wayne **Blair**
Hamish Gregory **Chamberlain**
Timothy John **Dawkins**
Sarah Esther **Duxfield**
Angus Craig **France**
Paul William **Gemmell**
Neil Aaron **Jones**
Dougal **King**
George Alexander Clifford **King**
Anthony George Blair Edie **Levett**
Brent David **Lilley**
Charles George **McKerchar**
Craig Ross **Moffat**
James Timothy Peter **Moore**
Benjamin Mark **Morrow**
Simon Fraser **Nitschke**
Emma Sarah Rose **O'Connell**
Stuart Andrew **Petrie**
John Digby **Philip**
Rufus William **Pieper**
Simon William **Player**
Brad William **Roberts**
Matthew John **Ryan**
Trent John **Spittle**
Daniel William **Suddaby**
Alexander William **Taylor**

Diploma in Horticultural Management

Shawn Terrence **Abraham**
Adam Jonathon **Brodie**

Diploma in Applied Computing

Yin Shi

Diploma in Commerce

Lei **Bi**
Scott Robert **Brownlee** (*Posthumous award*)
Qing **Chang**
Lin **Chen**
Rong **Chen**
Tobias Zebulon **King** (*Posthumous award*)
Xingguo **Liang**
Yang **Liu**
Wei **Xing**

Diploma in Maori Studies

Anna Maria **Baker**

Diploma in Natural Resources

Sophie Aimee **Bayer**



The following candidates have applied for conferment of degrees or presentation of diplomas or certificates 'in absentia'

Degree of Doctor of Philosophy

Chuleemas **Boonthai Iwai**, in *Ecotoxicology*

Md Shahnawaz **Karim**, in *Economics*

Reza Shah **Pahlevi**, in *Environmental Management*

Thayalini **Shanmuganathan**, in *Animal Science*

Prabha Mangalika Subhasini **Tantirigama**, in *Economics*

Jutamas **Wisansing**, in *Tourism Management*

Master of Applied Science

Lynn Christine **Schwarz**, with *Distinction*, in *Farm Management*

Guangming **Jiang**, *First Class Honours*, in *Environmental Microbiology*

Esteban **Carabelli**, *Second Class Honours, Division I*, in *Forestry*

Cain Ross **Duncan**, in *Environmental Management*

Lynette **Laroya**, in *Environmental Management*

Master of Commerce and Management

Diana Fui Yok **Goh**, with *Distinction*, in *Finance*

Peng **Huang**, with *Distinction*, in *Finance*

Alastair Bruce **Patterson**, with *Distinction*, in *Marketing and Supply Chain Management*

Yi Yun **Liu**, *First Class Honours*, in *Economics*

Yawen **Sun**, *First Class Honours*, in *Financial Economics*

Fardhi Sjahrul **Ade**, *Second Class Honours, Division I*, in *Business Management*

Pei-Chen **Ho**, *Second Class Honours, Division I*, in *Management*

Milton **Korseh-Hindowa**, *Second Class Honours, Division II*, in *Applied Economics*

Khulan **Damba**, in *Economics*

Yong Yu Amy **Weng**, in *Marketing*

Master of Parks, Recreation and Tourism Management

Oswald Braken Anak **Tisen**

Master of Professional Studies

James Kenneth **Allen**, in *Agribusiness*

Michel Ross **Jays**, in *Hospitality and Tourism Management*

Master of Science

Nicholas John **Head**, with *Second Class Honours, Division I*, in *Ecology*

Huibertje Maaïke Eveline **Schotborgh**, *Second Class Honours, Division I*, in *Conservation and Ecology*

Bachelor of Agricultural Science with Honours

Anna Louise **Vaughan**, *Second Class Honours, Division I*

Bachelor of Commerce with Honours

Xiaojun **Chen**, *First Class Honours*

Sharon Lee **Forbes**, *First Class Honours*

Jessica Kelly **Langman**, *First Class Honours*

Megan Elizabeth **Watts**, *First Class Honours*

Zhilu **Xu**, *First Class Honours*

Jianqian **Chen**, *Second Class Honours, Division I*

Wei **Li**, *Second Class Honours, Division I*

Yang **Li**, *Second Class Honours, Division I*

Jie **Shen**, *Second Class Honours, Division I*

Matthew William Carl **Sutherland**, *Second Class Honours, Division I*

Qiguang **Wen**, *Second Class Honours, Division I*

Ji **Wu**, *Second Class Honours, Division I*

Haiyan **Xu**, *Second Class Honours, Division I*

Ming Chuan **Yi**, *Second Class Honours, Division I*

Bachelor of Science with Honours

Karen Elizabeth **Turnbull**, *First Class Honours*

Postgraduate Diploma in Commerce

James Anthony **Clynes**
Carolyn Joy **Johns**
Ning **Li**
Andrew Benjamin Crichton **Prain**
Richard Anthony **Winton**

Postgraduate Diploma in Horticultural Science

Hao **Huang**

Postgraduate Diploma in Parks, Recreation & Tourism Management

Timothy Sean **O’Gorman**

Postgraduate Diploma in Resource Studies

Marc Steffen **Hillesheim**
Jean **McFarlane**
Christian **Schreiner**
Jennifer Mary **Thornley**
David Dung **Uong**

Postgraduate Diploma in Viticulture and Oenology

Simon George **Bridge**

Postgraduate Certificate in Applied Computing

Lin **Cong**

Postgraduate Certificate in Commerce

Yupeng **He**
Jian **Zhang**
Wei **Zhu**

Bachelor of Science

Melissa Anne **Talbot**, *Senior Scholar*
Nataliya **Olerskaya**
Akshay **Pahuja**

Bachelor of Viticulture and Oenology

Swan Keith **Michel**
Patrick Aeneas Kennedy **Newton**
Simon Christopher **Pope**
Logan George **Richmond**
Lucy Miranda **Tetley**

Graduate Diploma in Applied Science

Jillian Kay **Reader**
Yanqi **Zhang**

Graduate Diploma in Landscape Studies

Himalee **Padmakar**

Graduate Diploma in Viticulture and Oenology

John Duncan **Clark**, with Distinction
Sam Nicholas **Jary**, with Distinction
Nola Fern **Kinaston**, with Distinction
Peter Edward **Lidgard**, with Distinction
Joanne Christina **Rowlands**, with Distinction
Matthew John **Almond**
Michael Gordon **Hassall**
Anna Elisabeth **Riederer**
Angela Maree **Ronald**
Kerryn Louise **Sheen**
Marc Alexander **Udy**
Rebecca Kate **Young**

Graduate Certificate in Applied Science

Louise **Russell**, *with Distinction*
Anne **Rollwagen**

Bachelor of Applied Computing

Mary Bronwyn **Avery**
Sung Mi **Kim**
Zichao **Pan**
Kevin Miles **Segers**

Bachelor of Landscape Architecture

Philippa Jeannie **White**, *Second Class Honours, Division II*

Bachelor of Recreation Management

Hamish John **Caunter**

Bachelor of Recreation Management (Parks)

Tara Monique **Palmer**

Bachelor of Recreation Management (Sport)

Timothy Mark **Meredith**

Bachelor of Recreation Management (Tourism)

Timothy James **Fisher**

Bachelor of Resource Studies

Anthony Richard **Rowe**

Graduate Diploma in Applied Computing

Michael Edwin **Quested**, *with Distinction*
Guorong **Xu**

Graduate Certificate in Applied Computing

Nuchjira **Laungrungthip**

Graduate Certificate in Landscape Studies

Alexandra Elizabeth **Hill**

Graduate Certificate in Recreation Management

Sara Kaye **Dow**, *with Distinction*

Graduate Certificate in Resource Studies

Anthony Ross **Hall**

Bachelor of Commerce (Agricultural)

Michael James **Lucey**
James Montgomery **Somerville**



Bachelor of Commerce (Agriculture)

Garth John **Nielsen-Vold**

Bachelor of Commerce (Hotel and Institutional Management)

Kyle George **Cameron**
Joe **Lin**
Adam James **Petrie**

Bachelor of Commerce (Transport and Logistics)

Surong **Ai**

Bachelor of Commerce and Management

Zhaohui **Cai**
Chong **Chen**
Sze Ho **Cheng**
Yunwei **Gan**
Amanda Jayne **Green**
Xiang **Gu**
Baochun **Guo**
David Christopher **Harding**
Jie **Ji**
Chang **Li**
Huiying **Li**
Ling **Li**
Miaomiao **Lin**
Nai Yun **Lin**
Di **Liu**
Dora Feng **Liu**
Yuta **Nagayama**
Amanda Jayne **Parish**
Xiaoyan **Shen**
Sharon Louise **Tokaplen**
Simon Philip **Wallace**
Qin **Wang**
Yong Bo **Wang**
Jingfang **Xu**
Litng **Yang**
Meng Meng **Yu**
Tuqiang **Zhang**
Jing **Zhen**
Long **Zheng**

Graduate Diploma in Commerce

Joanna Louise **Martin**, *with Distinction*
Chun **Cai**
Xiaodong **Du**
Mingwei **Duan**
Meike **Mitschke**
Jasveen **Singh**
Lala Laurencia **Sondakh**
Diana Na Na **Toh**
Pabharad **Wattanakom**
Mark Charles **Wells**
Jing **Zou**
Ju **Zuo**

Graduate Diploma in Valuation

Marcus Brian **Jamieson**
Changshan **Zhao**

Graduate Certificate in Commerce

Feroz Gul **Khan**
Dianbo **Zhu**

Diploma in Farm Management

Karina Lee **Desmond**
Hamish Craufurd **Dunlop**
Eric James **Howden**
Kim David **Wills**
Andrew Neville **Zuppich**

Diploma in Horticultural Management

Judith Suzanne **Hyndman**



Diploma in Applied Computing

Ning Gao

Diploma in Commerce

Lorraine Dianna Cassidy-Clark

Huizhong Liu

Luo Dan

Guang Yang

Yang Zhou

Diploma in Natural Resources

Jin Xiao

Diploma in Social Science

Amy Kathryn Sloane



The following candidates have had degrees conferred, or diplomas or certificates presented since the last graduation ceremony, on 8 April 2005

Doctors of Philosophy

Ifakat Tulay **Cagatay**, in *Molecular Microbiology*

Kylie Elizabeth **Galway**, in *Ecology*

Ramandeep **Kaur**, in *Food Biochemistry*

Sven **Koops**, in *Marketing Strategy*

Thilina Niroshan **Kuruppu**, in *Accounting*

Frederic D L **Leusch**, in *Toxicology*

Dharmadasa **Madurappulige**, in *Entomology*

Christine Helene Elise **Stark**, in *Soil Science*

Master of Agricultural Science

Mauricio Alvaro Urrutia **Correa**, *Second Class Honours, Division I, in Entomology*

Master of Applied Science

Ignacio Gonzalez **Garcia**, with *Distinction, in Farm Management Consultancy*

Jochen **Sinn**, with *Distinction, in International Rural Development*

Erskine Michael Gareth **White**, with *Distinction, in Immunology*

Joshua Paul **Clydesdale**, *Second Class Honours, Division I, in Transport*

Lisa **Haring**, *Second Class Honours, Division I, in Biochemistry*

Maurice **Marquardt**, *Second Class Honours, Division I, in Environmental Management*

Cornelia **Ihl**, in *Forest Ecology*

Jeffrey Douglas **Swager**, in *Environmental Management*

Michael **Takla**, in *Biotechnology*

Christina Mary **Troup**, in *Conservation and Ecology*

Master of Commerce and Management

Emily Anne **Cumming**, with *Distinction, in Business Management*

Tao **Peng**, with *Distinction, in Finance*

Sirinart **Theenanondh**, *Second Class Honours, Division I, in Public Policy and Management*

Mark James **Collins**, in *Marketing*

Master of Environmental Policy

Jorn Markus **Scherzer**, *First Class Honours*

Master of Horticultural Science

Carmen Silvana Pires **Teixeira**, *Second Class Honours, Division I, in Seed Pathology*

Master of Landscape Architecture

Wee Tatt Loh

Master of Natural Resource Management and Ecological Engineering

Jurgen Mischker

Klaus Ohlbock

Yvonne Pfluger

Master of Parks, Recreation and Tourism

Nazaruddin Haji Hamit

Master of Property Studies

Brendan Patrick Clegg

Master of Resource Studies

Rebecca Maria Bergartt, *First Class Honours, in Environmental Management*

Karen Maree Luttrell, *in Environmental Management*

Master of Science

Kelly Lynn Gravuer, *with Distinction, in Ecology*

Nicola Jane Turner, *in Environmental Science*

Bachelor of Commerce with Honours

Jue Lu, *Second Class Honours, Division I*

Somjit Nopawan, *Second Class Honours, Division I*

Aiyan Shang, *Second Class Honours, Division I*

Chantima Suphantharida, *Second Class Honours, Division I*

Hui Wang, *Second Class Honours, Division I*

Yixin Wang, *Second Class Honours, Division I*

Shuyu Liu, *Second Class Honours, Division I*

Postgraduate Diploma in Agricultural Science

Samuel Thomas Carrick, *with Distinction*

Postgraduate Diploma in Applied Science

Mario German Lopez-Benavides, *with Distinction*

Kerstin Ursula Felten

Aaron Bernhardt Scholz

Postgraduate Diploma in Commerce

Richard **Bahr**
Jian **Gong**
Jinghua **He**
Bruce Alexander **Johnstone**
Prashanth J **Kumar**
David Andrew **Ramage**
Min **Yao**
Batbold **Zagdragchaa**

Postgraduate Diploma in Commerce Subjects

Riley Carita Christelle **Sigglekow**

Postgraduate Diploma in Parks, Recreation and Tourism Management

Clayton **Garrett**

Postgraduate Diploma in Resource Studies

Ursula Maria Antunez **De Mayolo Corzo**
Nelson **Gapare**
Duncan **Harvest**
Michael Brian **Senior**
Katherine Emily **Snook**
Ina **Tranow**

Postgraduate Diploma in Social Science

Andrea Janet **Clark**

Postgraduate Diploma in Viticulture and Oenology

Philippa Mary **Goodwin**, *with Distinction*
Andrew Lyders **Brown**
David Charles **Darlow**
Hayden Steven John **Oliver**
Nairn Martin McKenzie **Webb**

Postgraduate Certificate in Commerce

Zunxiang **Cao**
Phillip John **Hohapata-Oke**
Itsada **Predapeeranont**
Xianpeng **Qu**
Hongyan **Wu**
Yang **Xiao**
Jie **Zeng**
Lifeng **Zhou**

Postgraduate Certificate in Landscape Studies

Anneliese **Sitterly**



Postgraduate Certificate in Parks, Recreation and Tourism Management

Margaret Teresa **Button**
Hing Yeung Simon **Lo**
Takerei Lee **Norton**

Postgraduate Certificate in Resource Studies

Steven Leslie **Kent**
Jennifer **Spilsbury**

Postgraduate Certificate in Social Science

Linda Margaret **Persson**

Bachelor of Science

Damien John **Coup**
Hannah Dawne **Leckie**
Todd Alexander **Mauritz**
Jocelyn Ruth **Moore**

Bachelor of Viticulture and Oenology

Christopher Anthony **Carson**
Shane Robert **Sievers**

Graduate Diploma in Applied Science

James Richard **Bailey**

Graduate Diploma in Viticulture and Oenology

Katrina Louise **Scannell**

Graduate Certificate in Applied Science

Jennifer Leah **Baty-Myles**
Wenpu **Chen**
Anastasia **Pronina**
Daman Pal Singh **Sandhu**

Bachelor of Applied Computing

Graeme John **Humphrey**
Jian **Jiao**

Bachelor of Landscape Architecture

Emily **Alleway**, *Second Class Honours, Division I*

Hooi Seam **Ng**, *Second Class Honours, Division I*

Jeremy David **McLachlan**, *Second Class Honours, Division II*

Kate Louise **Esquilant**

Bachelor of Landscape Architecture (Singapore)

Yeok Heng **Chig**, *First Class Honours*

Yeow Khuan **Tan**, *First Class Honours*

Yvonne Andrea **Tan**, *First Class Honours*

Sok Na **Toh**, *First Class Honours*

Jui Siang **Chia**, *Second Class Honours, Division I*

Keok Poh **Ng**, *Second Class Honours, Division I*

Swee Kien **Ten**, *Second Class Honours, Division I*

Stavros **Velegrinis**, *Second Class Honours, Division I*

Hui Hsin **Lim**, *Second Class Honours, Division II*

Chee Wee **Ang**

Bachelor of Parks, Recreation and Tourism Management

Julie Helen **Manson**

Steven John **Wilson**

Bachelor of Recreation Management (Community Recreation)

Shanine **Hermesen**

Bachelor of Recreation Management (Parks)

Christopher Gary **Brown**

Elliot James **Cousins**

Bachelor of Recreation Management (Sport)

Daniel Taone **Anderson**

Bachelor of Recreation Management (Tourism)

Saskia Hissink **White**

Bachelor of Resource Studies

Marshall Robert **Smith**

Bachelor of Tourism Management

Elliot William **Alexander**

Lin **Ma**

Daiji **Sato**

Graduate Diploma in Applied Computing

Bo Li
Jayaprakash **Kandampully**

Graduate Diploma in Landscape Studies

Anna Siobhan **Hirst**

Graduate Diploma in Recreation Management

Wahyuning **Hanurawati**
Yu **Wu**

Graduate Diploma in Social Science

Shahina

Graduate Diploma in Tourism Management

Na **An**
Yifei **Liu**

Graduate Certificate in Applied Computing

Guy Mason **Harris**
Zhongkun **Zhou**

Graduate Certificate in Recreation Management

Jonathan Wade Metheringham **Sargisson**
Antje Cornelia **Schmidt**

Graduate Certificate in Resource Studies

Hsiao Fei **Ngu**

Graduate Certificate in Tourism Management

Rong **Lang**
Ruiyun **Wang**

Bachelor of Commerce (Forestry)

Huiyou **Li**

Bachelor of Commerce (Hotel and Institutional Management)

Nicholas Robert **Pearce**
Yang **Zhou**

Bachelor of Commerce (Tourism)

Kirsty Louise **Gane**

Bachelor of Commerce (Transport and Logistics)

Kai **Wang**

Bachelor of Commerce and Management

Qiming **Bao**
Jing **Chao**
Chaoyang **Chen**
Pei Jun **Chen**
Dan **Feng**
Zhen **Gao**
Mark John **Greer**
Jialin **Gui**
Grant Lloyd **Harris**
Jingjing **Huang**
Jingfang **Jia**
George Edward Mitford **Kenton**
Brad Colin **Kirner**
Chang Min **Lee**
Pi Lien **Li**
Shao Hui **Li**
Shu **Li**
Shuya **Li**
Hongwen **Liang**
Hua **Lin**
Yang **Liu**
Zhishan **Liu**
Weibin **Ma**
Qifei **Pan**
He **Qiao**
Alisa **Ravji**
Rui **Sun**

Jiangwei **Wang**
Liang **Wang**
Na **Wei**
Yu **Wu**
Changlei **Xu**
Chao **Yang**
Fengliu **Zhang**
Li **Zhang**
Shun **Zhang**
Qi **Zheng**
Yu **Zhou**
Yue **Zhou**
Beibei **Zhu**

Graduate Diploma in Commerce

Yuxiao **Guo**, *with Distinction*
Lachlan Noel **Boyle**
Xue **Chen**
Yuanbo **Gou**
Bo **Huang**
Yifei **Huang**
Mohammed Emir F **Roseley**
Chin Ching **Wan**
Peng **Zhao**

Graduate Diploma in Valuation

Barbara Marion **Hore**

Graduate Certificate in Commerce

Erin Fleur **Smith**, *with Distinction*
Anna **Jezyk**
Jason Stephen **Paul**
Gregor Henry **Pawlaczek**
Katicza **Ranford**

Diploma in Applied Computing

Leanne Haigh **Banks**
Andrea Monica **Richey**
Yan **Sun**
Wei **Yao**
Ling **Yu**

Diploma in Commerce

Jinjing **Bian**
Brendon John **Foster**
Nannan **Hou**
Sen **Li**
Na **Liu**
Xun **Liu**
Lisa Maryline **Olier**
Jing **Pan**
Jingxuan **Shi**
Na **Wang**
Shuo **Wang**
Xian Feng **Wang**
Yuehua **Xie**
Yang **Yang**
Shao Wen **Yong**
Sisi **Zhang**

Diploma in Natural Resources

Yih Shin **Ker**
Teck Kee Terence **Leong**



BIOGRAPHICAL NOTES

Bledisloe Medal

Sir Wilson James Whineray

The Bledisloe Medal has been presented since 1930 and it ranks as Lincoln University's supreme award specifically for outstanding contributions to New Zealand's interests by alumni or staff.

The list of recipients is a directory of distinguished New Zealanders and the man we honour today with the 2006 award stands shoulder to shoulder with them in all respects.

As an iconic New Zealander Wilson James Whineray, former All Black captain and business boardroom leader, needs no introduction.

His association with Lincoln University goes back to 1953 when he arrived on the campus among a group of 15 Rural Field Cadets selected for the long and demanding course leading to the Diploma in Valuation and Farm Management. Once qualified they were placed in responsible government department jobs connected with agriculture.

It's a curious fact that although Auckland born and bred Wilson actually started at Lincoln from Southland, where he had been working on a farm for year while waiting to take up his cadetship.

The former Auckland Grammar School prefect and vice-captain of the 1st XV was in Southland because after obtaining University Entrance he decided he wanted to leave school and "get on with things", furthermore he "didn't fancy an office job"!

Perhaps influenced by his father's Waikato dairy farming background Wilson turned to the land for his first job and set his sights on a Rural Field Cadetship.

The Rural Field Cadets and the VFMs are a distinguished group. They are highly represented among the Bledisloe medallists and also highly represented among those medal holders who

have made their contribution to New Zealand through business and commerce rather than farming, research or academic activity.

Business is however only one of **three** areas in which this year's medallist has made outstanding contributions to New Zealand's interests. Sport and community service, are the other two.

Wilson Whineray's name is synonymous with All Black rugby. He played 77 matches for New Zealand and captained the All Blacks from 1958 to 1965. And it all began with selection as an All Black while a student at Lincoln in 1957. He was both a Rugby and a Boxing "Blue" at Lincoln and also a member of the 1st Cricket XI. Today he is Patron of the New Zealand Rugby Union.

After completion of his VFM qualification at Lincoln, Wilson worked for the State Advances Corporation for a number of years and during this time completed a Bachelor of Commerce degree in Auckland. He then entered the business world, first with Dominion Breweries. Later he moved to Alex Harvey Industries/Carter Holt Harvey where he spent the bulk of his career, rising to Deputy Managing Director then Chairman of Directors.

His work in business and commerce was well founded on academic qualifications for in 1969 he added a Harvard University MBA to his Lincoln VFM diploma and Auckland BCom.

Encouragement to apply for the Harkness Fellowship which took him to Harvard came from Lincoln College Principal Sir Malcolm Burns and Wilson has been forever grateful. Harvard University and his time in the United States of America was a "life changing experience", he says.

Over the years Wilson's business acumen was sought by the boards of many other companies including Nestles, the National Bank, Comalco,

Wilson and Horton and Auckland International Airport Ltd. He was also CEO of the Wool Corporation.

Community involvement has been wide and has included work with the Halberg Trust for Children, the Cochlear Implant Trust (Children), the Mercy Hospice, the Special Olympics, SPARC's forerunner the Hillary Commission for Sport and Recreation, which he chaired for six years, and the Sir Peter Blake Trust. For five years he was also Honorary Colonel of the New Zealand Army's 1st Special Air Service (SAS) Group.

Knighthood in 1998, Wilson has a great love for New Zealand. He believes that the wealth and growth potential of nations lies in the quality of their education. "We've got to make sure at all levels that our education is of the highest quality," he says. "Education is the door to everything."

The counsel of this youthful elder statesman of sport, business and community service deserves attention.

With pleasure I present Sir Wilson James Whineray, Knight of the New Zealand Order of Merit, for the award of Lincoln University's Bledisloe Medal.

International Alumni Medal

Emeritus Professor Murray Drayton Dawson

Internationalisation has been a formal Lincoln University policy since the early 1990s. The rationale is that in today's world we live in a global context and it behoves a modern university to prepare its students for employment internationally. With some 60 different countries represented among its student body, Lincoln University expresses well the multi-cultural ethos of our age.

Of course preparing students for international employment is nothing new at Lincoln. There is a very long and strong tradition of Lincoln graduates working internationally and contributing to development projects around the globe.

The nominee for Lincoln University's 2006 International Alumni Medal, Murray Drayton Dawson, epitomises that tradition at the highest level.

Murray has spent the bulk of his career working in international agriculture and development and his life expresses what Ian Blair said about Lincoln graduates in his book *The Seed They Sowed* - that their capacity to succeed has "no

limits", so long as the elements of the basic general course have been assimilated and an opportunity becomes available.

Murray Dawson graduated Bachelor of Agricultural Science from Lincoln in 1949. A past pupil of Christchurch Boys' High School, he came to Lincoln in 1946 following an Intermediate Year, then compulsory in Christchurch.

After graduation Murray left New Zealand, heading for Canada and a position as a research agronomist.

He was one of a cluster of Lincoln graduates in the postwar period who took up international positions. Whether the term "brain drain" was invented then or not, Murray and many of his contemporaries were part of it. Invariably, however, they have gone on to add lustre to Lincoln's name and to New Zealand's reputation.

In Murray's case the first big step along the pathway to overseas prominence was Cornell University in the United States where he completed a masters degree then a PhD in Soil Science.

From Cornell he was appointed a Lecturer in Soil Science at Oregon State University and it was there that his career in international agriculture and development really began.

In 1959 he was part of the Oregon team that developed the first Faculty of Agriculture at Kasetsart University, Thailand. From 1973-76 he was involved with another Thai university, Chiang Mai, helping to convert a cropping programme into an on-farm, farmer-tested programme.

In the late 1970s Winrock International appointed Murray to lead a team of international scientists to assist the Bangladesh Agricultural Research Council to intensify farming systems research throughout Bangladesh.

Then, for a large part of the 1980s he was involved in a similar farming research programme based in Islamabad, Pakistan, under a USAID contract working with the Pakistan Agricultural Research Council. While there he was a very welcome mentor to a number of Lincoln University staff members also working on international aid projects in Pakistan.

Indonesia and the Philippines were other countries where he carried out projects under aid agency contracts.

It has been accurately said that the practical, on-farm experience and well-planned field trips that are a fundamental part of Lincoln's programmes contributed directly to Murray's effectiveness as a leader in overseas assignments. In his work he has always carried with him the Lincoln principles of realism and practicality.

He is regarded as an extremely successful communicator who has achieved much in difficult situations and he is highly respected in the international development world.

Murray was appointed Assistant Professor of Soil Science at Oregon State University in 1954 and full Professor in 1973. Over the years he has played a key role in the long-running Lincoln/Oregon State University Student Exchange Programme. He was, in fact, a co-founder of the programme at the Oregon end, with Dr Jim Oldfield, and they have recently authored a history of the programme. Neil Gow has been the anchor at the Lincoln end.

Sir, may I present Murray Drayton Dawson, Lincoln University graduate and Emeritus Professor of Soil Science of Oregon State University, as the 2006 recipient of the International Alumni Medal.



Honorary Doctorates

Hon. Margaret Austin, Doctor of Science, *honoris causa*

There is an old saying that education is what's left over after you have forgotten everything you learnt at school. The life and career of the person we are honouring today - the Honourable Margaret Elizabeth Austin, Member of the New Zealand Order of Merit and Companion of the Royal Society of New Zealand - proves that wrong! Margaret's career has been shaped unalterably by what she "learnt at school" and she has dedicated her life to ensuring that the lives of others would be similarly influenced by their schooling.

Her own teachers, Dominican Sisters in Dunedin, placed tremendous emphasis on scholarship, the pursuit of knowledge and the nurturing of talent. It was an early grounding and influence for which she has always been grateful. A second light which has guided her life was provided by her university biology professor, Edward Percival, who stressed to his female students the importance of education and the expectation that they should contribute to New Zealand.

Few women can have contributed more to New Zealand across a broader range of areas than Margaret Austin.

Her career and accomplishments are part of the public record and there is time here today to touch only on some of them. University science graduate, teaching diplomate, teaching fellowship holder, College of Education relieving lecturer, Head of Science at Christchurch Girls' High School, Assistant Principal at Riccarton High School, Commonwealth Trust Education Fellow in London, Chief Examiner for University Entrance Biology, Moderator for University Bursaries Biology, a key figure in establishing the New Zealand Science Teachers' Association ... and that's in the teaching field alone!

Then there's that other extraordinary career in politics. Enthused by what she saw of the Thatcherite education reforms in Britain during her time in London on the Commonwealth Trust Fellowship, she pursued the Yaldhurst Electorate Labour vacancy and stood for Parliament in

1984. It was the beginning of 12 years as an MP that took her first to the position of Senior Government Whip, then to Cabinet with the portfolios of Research Science and Technology, Internal Affairs, Arts and Culture and Civil Defence.

Her association with Education continued and she is proud of her involvement with the implementation of Tomorrow's Schools. Leaving the Labour party in 1995 she became a founding member of the United New Zealand Party, but lost her seat in 1996. Hansard records that her very last words in the House include a reference to New Zealand striving for "excellence in education". It's a phrase that has guided her life.

Parliament's loss was Lincoln University's gain. After an earlier period as a Parliamentary Representative on the University Council in the 1980s, she returned to the Council table in 1997 as a Ministerial appointee. At the end of 2000 she succeeded Malcolm Cameron as Chancellor.

Margaret's Chancellorship was immensely dedicated and productive. Lincoln University benefited from the accumulated wisdom of all her years of high involvement in education, politics and public life. She chaired the Council and guided the governance of the University with confidence, energy, dignity and cheerfulness - who can forget her appearance at one particular Council meeting wearing a Lincoln University rugby jersey, the result of a dare!

A passionate advocate of everything good for Lincoln, Margaret was a tireless supporter of University activities and a popular presence at functions and ceremonies throughout New Zealand and overseas.

Alongside all of her public achievements Margaret has fulfilled two other roles which, many would say, are society's most important - mother, to children Faith, Nicola and Martin, and wife, to the late Jack.

Margaret Elizabeth Austin has walked the path of faithfulness and duty signalled to her by those early influential teachers in her life. She in turn has been a special beacon in the lives of those associated with this University. It is with pleasure that I present our former Chancellor for the degree Doctor of Science, *honoris causa*.

Allan James Hubbard, Doctor of Commerce, *honoris causa*

Historically agriculture has always been Lincoln University's defining activity. The University started as a school of "agriculture" and later became an "agricultural" college. We have, however, never limited our focus simply to the husbandry side of farming. Business, commerce, trade, economics, accounting, marketing, management, labour relations, food science, transport, valuation and all the rest of agriculture's associated activities absorb our attention as well.

Given this breadth of interests, Lincoln University has always been pleased to honour prominent New Zealanders from the world of business and commerce as much as from other areas.

We have two such men on this platform today. The 2006 Bledisloe Medallist, Sir Wilson Whineray, has been a leading figure in the New Zealand business world for many years, and the man we about to honour with an honorary Doctor of Commerce degree has been described as the "most important man in South Island business", although I am sure that he would modestly deny that.

Allan James Hubbard of Timaru is a chartered accountant by profession, a Bachelor of Commerce graduate who has practised in South Canterbury for more than 50 years. He is, however, a man of many additional talents and interests and the embodiment of an increasingly rare combination of virtues - hard work, determination, perseverance, modesty, thrift, generosity and vision.

Leaving school in Dunedin at 15 and starting work as an office boy, he went on to pay his own way through university after initial encouragement by his employer to return to night school and obtain School Certificate.

It has been said of Allan that "most things New Zealand is good at have attracted his interest." He believes strongly the value of the rural economy to New Zealand and although not a "country boy" by upbringing he learnt fast and is a firm supporter and prudent investor in activities that support this sector - everything from farming, horticulture and irrigation to engineering, building and aviation.

Allan is however no ordinary investor. Last month when he received a Lifetime Achievement Award in the Fonterra-Westpac Dairy Excellence Awards, he was described as an "investor in people", a man who "always backs the person". We echo those words entirely. In providing support, financial or otherwise, he has an ability to pick the very best operators, people who mirror his own commendable values, achieve their goals and fulfil his faith in them.

His hard work is legendary - running an accountancy practice for over 50 years, working daily from before sunrise until well after sunset, having more than 200 company directorships including major share holdings in companies such as Dairy Holdings, the third largest shareholder in Fonterra; Helicopters New Zealand; Scales Corporation; and, in Timaru, South Canterbury Finance. Construction of the Opuha Dam in South

Canterbury matched his vision for the future and he retains a close financial involvement with it through to this day.

His generosity is equally legendary - supporting charities, organisations movements, individuals, business enterprises, and community projects quietly and without fanfare. He is the archetypal **anonymous** philanthropist and benefactor, but it can be said that the Scout movement and the Presbyterian Church, two lifelong interests, have always had his support.

Allan, we are conscious that the media and others try to make much of your life and business in terms of "rich lists", the size of donations and so on, and that you find this attention irrelevant and embarrassing. We will therefore spare you any further public cataloguing of your philanthropic work.

The award we are making today simply acknowledges your exceptional support for, first of all, the **people** of our region - Canterbury, and South Canterbury in particular. Secondly, it acknowledges your support for the principal export-related economic activity of our region, **agriculture**, and in particular the remarkable input you have made to the business and financial side.

People and agriculture - these rank importantly with you and they are Lincoln University's concerns too. We are therefore proud that you have consented to accept association with this institution and I have much pleasure in presenting you for the award of Doctor of Commerce, *honoris causa*.



Lincoln University Excellence in Teaching Awards 2005

Sustained Excellence

Associate Professor Graeme Buchan

This award to Dr Graeme Buchan, Associate Professor of Environmental Physics and Environmental Education, recognises a sustained range of innovative teaching developments in 100- to 600-level subjects. This includes the development of distinctive 'in context' lecture material, new laboratory experiments and lab/practical courses, field work and field trips, as well as distinctive methods of delivery. These have contributed substantially to the type of teaching which distinguishes Lincoln University – namely education 'in context', and have been at the interface of production and environmental protection.

His teaching initiatives are strongly coupled to, and led by his research. On the one hand, his research strongly informs and authenticates his teaching. Conversely, his commitment to education has become part of his research, as shown by his educational publications in international educational journals. His continuing contributions to environmental education have been recognised internationally with a recent invitation and appointment to the editorial board of the European 'International Journal of Sustainability in Higher Education'. His contribution to environmental physics research has been recognised by an invitation by the American scientific editors to contribute three articles for Dekker's 'Encyclopaedia of Water Science'.

Associate Professor Buchan has shown an ability to work both single-handedly and as part of a team. In the early 1990s, he introduced and designed PHSC 204 Environmental Physics (recast in 2003 as 'Environmental Physics and Meteorology') and PHSC 104 Global Environmental Issues. More recently, he contributed strongly to development of the new 'Master of Natural Resources Management

and Ecological Engineering' (MNaRMEE) degree, taught jointly by Lincoln University and NOKU, Vienna, Austria.

A key part of this sustainability-oriented degree was the introduction in 2003 of the subject ERST 636 'Aspects of Sustainability – an International Perspective'. Associate Professor Buchan co-designed this subject with Professor Ian Spellerberg and designed and authored its major and innovative assignment.

Associate Professor Buchan has always shown an ability to innovate across a range of disciplines outside of his primary area of teaching. For example, in PHSC 104, which spans a wide range of environmental science and issues, he has strongly encouraged collaborative efforts across divisions in both teaching and research. In PHSC 204, his introduction of teaching in scientific datalogging has been a notable success with students and has enhanced the quality of our teaching.

A further excellent example of Associate Professor Buchan's sustained contribution to teaching was his development of 'Youth EnviroSchool', a biennial extension education event for senior high school students which has run very successfully since 1990. He still continues to be the main coordinator of 'Youth EnviroSchool' and has been tireless in seeking sponsorship and patronage from high-profile New Zealanders (e.g. Sir Edmund Hillary) in order to maintain EnviroSchool's viability. This in turn has contributed significantly to Lincoln's student recruitment in the Science degrees and its reputation in environmental science education.

Associate Professor Buchan is an excellent teacher who receives very favourable student evaluations.

Excellence in Innovation

Neil Challenger

Neil Challenger has developed a superb track record in innovative, applied design teaching focused upon Maori communities. He specialises in community based, collaborative design, and has initiated and taught a series of studio projects that combine innovative teaching methods with contemporary community needs within traditional Maori cultural settings.

Neil was first employed at Lincoln University with a brief to extend the Landscape Architecture programme to the Maori community, and to ensure that BLA and MLA graduates were familiar with and prepared for practice in the context of the Treaty. He has undertaken this by leading a series of applied, community based studio design projects at 200, 300, 400 and 600 levels, focusing on the resolution of real world problems.

The projects involve students being culturally immersed within a host Maori community, often for a week or more. Design proposals are developed in collaboration with community representatives, and typically then involve a period based back at Lincoln, working up proposals, before being formally 'given back to the community concerned' – often through campus based hui, occasionally of several days duration.

The work has been very well received by a range of Maori communities, and recognised by them as being a unique contribution within New Zealand. It has also attracted international attention, and Neil has presented peer reviewed papers at international educators' conferences reporting on his methods, and led student design charettes at international conferences in Asia.

Neil extended his knowledge and experience gained within Aotearoa New Zealand to a role as academic coordinator of the innovative BLA programme delivered in Singapore, and he led a number of highly successful design projects and field tours in SE Asia, focused on design within multicultural settings.

The aspect of Neil's work that is most difficult to convey in writing is the sheer energy, drive and enthusiasm that he contributes to and generates in design projects. He is widely respected by students, and works extended hours and in unconventional ways to ensure the projects with which he is involved are successful, and that both students and host communities benefit from the process.

In summary, Neil Challenger's work on extending applied student design learning into Maori communities, and in related culturally based design projects and design charettes, is unique within New Zealand and notable internationally. It is characterised by the highest level of commitment, integrity and innovation, and it has been an outstanding success in meeting its aims within the wider curriculum and profession.



Doctors of Philosophy

Chuleemas Boonthai Iwai

For her PhD project, Chuleemas Iwai studied the effects of two commonly used pesticides, an insecticide, Chlorpyrifos, and a herbicide, Atrazine, on a wide range of freshwater invertebrates.

The study is significant, partly because of the range of organisms used but mainly because it showed that toxicity tests carried out overseas with organisms not found in New Zealand have limited applicability when setting permissible limits for the presence of pesticides in our freshwater ecosystems. In particular, chronic exposure can result in significant changes in life cycle features like body weight and number of offspring. Chuleemas' work will help the Ministry for the Environment and district councils as they revise New Zealand's water quality standards.

She also investigated the effect of varying water characteristics and found that temperature, pH,

dissolved oxygen levels and dissolved organic matter levels all affected the toxicity of the two pesticides and, significantly, there were differences between species tested.

In addition, Chuleemas looked for evidence of prior exposure to pesticides in the invertebrates' enzyme systems. She showed that previous beliefs about the usefulness of this method for pesticide groups may not hold as some freshwater insects may be bioindicators of prior exposure to pesticides other than organophosphates and carbamates.

Granted study leave from her position in the Entomology Department of Khon Kaen University, Thailand, Chuleemas received a New Zealand Ministry of Foreign Affairs and Trade scholarship. She now plans to carry out similar studies with Thai invertebrates.

Stuart Douglas Card

The New Zealand strawberry industry experiences losses of up to \$4.4 million per annum due to fungal diseases. Stuart Card's PhD research investigated the use of biological control methods to control grey mould, a devastating disease of strawberries,

In particular, he identified an isolate of *Trichoderma* (a soil fungus) that successfully controlled the disease in a number of laboratory assays, growth room studies and field trials. Stuart's research directly benefited industry and society.

Since finishing his project a local biological plant protection company, Agrimm Technologies Ltd, has developed a product called Sentinel® based on the same fungus for the control of *Botrytis* on grapes. This is now commercially available to growers.

Stuart came to study at Lincoln University from the United Kingdom where he completed a Bachelor of Science in biological sciences. Currently, he is working as a research technician at the National Centre for Advanced Bio-protection Technologies at Lincoln University while looking for a postdoctoral fellowship in New Zealand.

His long term goal is to take up a postdoctoral fellowship in New Zealand in order to broaden his scientific skills base and then to work in industry to produce biocontrol agents that have improved disease control capabilities.

Sireerat Chetsumon

Sireerat Chetsumon took study leave from her position as a lecturer at Kasetsart University, Thailand, to come to New Zealand to commence her study for a PhD.

The title of her doctoral research is “Attitudes of Extension Agents towards Expert Systems as Decision Support Tools in Thailand.”

Inspired by advanced information systems, in particular, the branch of artificial intelligence known as expert systems, Sireerat Chetsumon foresaw that such systems would be beneficial to agricultural extension services in Thailand.

Using a case study approach, Sireerat developed an expert system for rice disease diagnosis and management (POSOP) for use by agricultural extension officers. The research focused on how extension agents in Thailand found the system useful for making support work decisions,

and how the system could be introduced to agricultural extension services to compensate for the lack of experts in rice disease. The work used various psychology-based tests and theories to explain and predict the use of expert systems.

Sireerat returned to Thailand at the completion of her studies and is currently working as a lecturer and Head of the Education Division for the National Agricultural Extension and Training Centre, Kasetsart University, Thailand. She is also responsible for two Technical Cooperation Programmes that involve cooperation between the Royal Thai Government, the Japanese Government and a number of African countries.

Bhubaneswor Dhakal

Bhubaneswor Dhakal was a Senior Agroforestry Officer in the Nepal Swiss Community Forestry Project before commencing a Masters degree at Lincoln University. On completion Dhakal returned to Nepal for a few years before commencing doctoral studies.

In his PhD Dhakal developed a linear programming model to evaluate the impacts of various community forestry policies on income and employment for different household income types in Nepal. Using a community welfare maximization model he also assessed the income and employment potential of common forestlands to alleviate household poverty under alternative forestry policies. Forest resource related policies have been introduced in many countries that have recognised their importance for environment conservation. Dhakal studied the impacts of those policies

on local people and found that the poorest households are most affected when forest policies give overriding priority to environment conservation and exclude traditional users from the forest resources.

This study has improved our understanding of the likely impacts of forest management policies in developing countries. The insights gained can be used by national and international development agencies to make informed choices about forest management policies. The analytical model that Dhakal developed to support community forestry management can be readily adapted to analyse other common property situations.

Dhakal intends to follow a professional career that will allow him to continue this line of research and to disseminate the findings to national and international audiences.

Abel Duarte Alonso

Wine tourism is a significant contributor to the wider New Zealand tourism industry, but to date little work has been undertaken to identify what motivates this industry's customers. In his doctoral research, Abel Alonso set out to investigate the characteristics, motivations and commercial value of winery visitors.

Abel surveyed visitors to wineries and vineyards throughout New Zealand in order to elucidate how various factors impact on winery visitors' experiences. Using the survey results, Abel developed profiles of winery visitors that included their age, income, education, travel behaviours and place of origin. He then produced a new wine involvement index (WIX) that allowed him to investigate whether wine involvement itself has an impact on visitor behaviour at wineries.

His results added new knowledge to the area of wine tourism and offered commercially useful information to both individual wineries and the wine tourism industry. This information includes the identification of varying levels of commercial potential for different categories of visitors. For example, it was found that age, level of wine involvement, and whether they were domestic or international visitors, impacts on winery expenditure.

Abel has now taken up a lecturing and research position in Wellington to further develop his academic career.

Adam Paul Friend

Making grape flowers look like Christmas trees by the innovative use of colour coded dental floss tags was an unusual aspect of Adam Friend's doctoral research.

Adam's PhD project was entitled "Berry set and development in *Vitis vinifera* L." and aimed to provide information on flowering, fruit set and development of grape berries from individual flowers. Little is known about the circumstances that lead to fruit set of grapes, or what controls the size of the berries that result.

Each individual grape berry develops from a single flower, about 2 mm (<1/16 inch) in diameter. To follow how these tiny flowers develop, Adam tagged approximately 2000 flowers over three years using pieces of dental floss dipped in model paint to provide a colour coded system. He checked them daily during December and early January.

This research has revealed how berries develop from flowers and identified key times where failure of fruit set occurs; and may allow the development of more accurate yield prediction models.

Adam came to Lincoln University to study for a Bachelor of Horticultural Science with Honours and, subsequently, studied part-time for a PhD while tutoring viticulture in the Bachelor of Viticulture and Oenology degree in the (then) Department of Plant Science.

Currently he is lecturing in viticulture at the Eastern Institute of Technology and is aspiring to establish a career as a research viticulturist.

Andrew Walter Greer

Andrew Greer came to Lincoln University to undertake a Bachelor of Agricultural Science Degree. After graduation he accepted a teaching fellowship in the (then) Animal and Food Sciences Division while studying part-time towards his PhD. Andrew's studies focused on the nutritional cost of the immune response to gastrointestinal parasites in sheep.

Traditionally, it has been assumed that production losses associated with the reduced appetite and nutrient utilisation during infection with gastrointestinal nematode parasites are a consequence of the physical damage caused by the parasite to the digestive tract. Andrew's studies demonstrated that the parasite itself causes little damage but that components of the animal's own developing immune response are the primary cause of both reduced appetite

and nutrient utilisation. These results will have a significant impact on the way the disease of parasitism is viewed and help with the understanding of how to encourage the animal to develop an immune response at a lower nutritional cost and maintain productivity with reduced use of chemicals.

Andrew has been awarded a prestigious AGMARDT Postdoctoral Fellowship for two years to continue his research at Moredun Research Institute, Edinburgh. He will continue to work to gain an understanding of the detrimental components of the immune response to parasites before returning to take up a lectureship in the Agriculture and Life Sciences Division at Lincoln University.

Melanie Louise Haines

The objective of Melanie Haines' PhD research was to determine why host specificity testing conducted prior to the release of broom seed beetle for the biological control of Scotch broom in New Zealand failed to predict that tree lucerne would also be a suitable host.

Melanie completed a B. Hort. Sc. (Hons.) at Lincoln University, embarked on a three year overseas working holiday and then returned to commence her PhD studies.

In her research Melanie showed that there was more variation in choice of host plant by egg-laying female beetles than previous tests had indicated. Her results mean that larger numbers of individuals must be tested to detect the real level of variation, and if small numbers of individuals utilise alternative hosts, this should not be dismissed as representing aberrant behaviour. Because unpredicted non-target impacts by introduced biological control agents

may have serious deleterious effects on the environment, it is crucial that testing protocols are robust.

Melanie's findings will be used to improve host-specificity testing methods worldwide; in particular, the accuracy of the procedures. Regulations governing the introduction of new biological control agents are becoming increasingly rigorous, so improvements on existing protocols are necessary to ensure regulatory bodies are satisfied the benefits of a new introduction outweigh the risks.

Melanie is currently pursuing her interests in this field in Brisbane, Australia.

She is passionate about biological control and hopes to incorporate molecular genetic techniques into host-specificity testing procedures, to further improve accuracy and reduce risk.

Toni Elizabeth Jenkins

Toni Jenkins transferred to the PhD programme from a master's degree at Lincoln University.

In her doctoral research project, Toni studied the ability of the forage crop rape to hybridise with New Zealand wild turnip, a weed, as a model of gene transfer from a crop to a weed. After determining the frequency of hybridisation between rape and wild turnip using both artificial hand pollination and natural open field pollination, Toni investigated the key factors limiting gene introgression between the two species.

From these data she produced a stochastic model and, using the capabilities of @risk, developed a new application for assessing the risk of transgene flow in this important crop-

weed combination. This mathematical model will be very useful for regulatory authorities in setting controls to limit gene movement from genetically engineered plants.

At present, Toni is teaching full time, but she intends to apply for a post-doctoral fellowship when her family is able to accompany her. She is very interested in carrying out more work with predictive mathematical models in other ecological systems.

Md. Shahnawaz Karim

Prior to doctoral studies at Lincoln University Md. Shahnawaz Karim was Senior Lecturer (Economics) in the School of Business, Independent University, Bangladesh and he has returned there now to take up a position as Assistant Professor, Economics & Finance.

In his doctoral research Shahnawaz carried out empirical analyses of the dynamic behaviour of output, prices and exchange rates in New Zealand due to monetary policy shocks emanating from domestic and foreign sources, in the light of a small open economy general equilibrium model.

Shahnawaz developed a plausible dynamic empirical model for the behaviour of output, prices and exchange rates in New Zealand due to domestic and foreign monetary policy shocks in comparison with the qualitative predictions of the New Open Economy Macroeconomic (NOEM) model.

He found that much previous research had analysed the monetary transmission mechanism (MTM) in small open economies without referring to the NOEM model; consequently, empirical anomalies were often encountered. Shahnawaz's empirical model, however, incorporated a large set of variables suggested by the NOEM model and found plausible dynamic behaviour for output, prices and exchange rates in New Zealand.

This research may assist monetary authorities of small open economies, such as New Zealand, to choose the appropriate monetary tool to implement. It also highlights the necessity of performing an empirical analysis of international MTM that conforms to the NOEM model instead of any ad-hoc model.

Shahnawaz is keen to pursue teaching and research activities in the field of economics at tertiary institutions in Bangladesh and internationally.

William Henry Kaye-Blake

The introduction of genetically modified (GM) food has led to wide-ranging debates about science, government, corporations and consumer behaviour. William (Bill) Kaye-Blake undertook doctoral research to investigate consumers' decision-making processes regarding GM apples. He concentrated on two important issues: (1) whether the specific benefits offered to consumers changed their assessments of gene technology, and (2) how to incorporate consumer refusal of GM food into the economic analysis.

This research is significant because it demonstrates that the prices consumers are willing to pay for enhancements to non-GM food do not necessarily carry over to GM food; it is also one of the few economic analyses of GM food to include refusal as a valid consumer response. These findings provide a more comprehensive

picture of the potential market for GM food with consumer-oriented modifications than was previously available. This information can allow the development of GM food products to be targeted towards those with higher commercial potentials. Bill's research has contributed to Environmental Risk Management Authority regulations about applications for the commercial release of GM organisms in New Zealand.

Bill has a background in economic analysis in the tertiary, government and private sectors.

Before undertaking doctoral studies, he was a consultant forensic economist in California, specialising in business valuation and statistical analysis. He is currently employed as a Research Officer in the Agribusiness and Economics Research Unit at Lincoln University.

Christopher Simon Kerr

Simon Kerr completed a BA (Sociology) at the University of Canterbury and an M.Appl.Sc. (Resource Management) at Lincoln University before commencing doctoral studies. He worked as Assistant Lecturer/Lecturer in social science at Lincoln while studying. Currently he is Senior Research Advisor in the Research and Enterprise Office at the University of Otago. He is focusing his energies on his new role but says that in a perfect world he would also like to be a full-time musician!

Simon's PhD research examined the notion of ecological reason, that is, the forms of reasoning underpinning decisions about the non-human world. He argued that there are at least three forms of ecological reasoning in the literature, but there is no agreed definition or concept that is commonly accepted. The question of how to act in an ecologically rational manner in relation to the non-human environment is highly contested (a common finding in social science research, but no less true for its retelling!).

He also mapped the forms of ecological reason that dominate decision making under the New

Zealand Resource Management Act. Examination of the forms of ecological reason in three case studies revealed a clear tension between a 'technocentric' vision of ecological reason and a 'discursive/democratic' vision. The third vision of ecological reason is eco-social reason, where non-human species are deemed to have equal rights, including equal representation in ecological decisions. Although clearly advocated in the literature, this form hardly registered on the radar screen of actual practice.

Simon's results suggested there is real tension between technically driven approaches to environmental issues, and the democratic participatory approaches advocated in policy. This raised important questions about the balance between the roles of experts and the contributions of the community; they currently sit uneasily alongside each other. Failure to understand this relationship creates significant economic and social costs for both advocates and opponents of developments impacting on natural systems, and to the wider social system.

José Alberto Laporte-Uribe

Magnesium (Mg) deficiency is one of the most important metabolic diseases in grazing ruminants. Sheep have traditionally been used as a model for mineral metabolism in cattle for economic reasons and models of magnesium metabolism being developed in cattle are based heavily on nutritional and physiological data from sheep.

José Laporte Uribe's PhD research involved making nutritional and physiological comparisons of the absorption of Mg from the digestive tract in sheep and cattle.

José's work has shown that data on magnesium metabolism from sheep can not, in fact, be applied to cattle. The digestive tract of cattle has different physiological characteristics that make it less able to absorb magnesium. This means cattle are more susceptible to the high levels of dietary potassium seen in the high quality herbage fed to them. The findings will

enable the development of simulation models of magnesium metabolism in cattle, which will provide specific diagnostic tools for dairy farmers, and allow recommendations about the need for magnesium supplementation and fertiliser use to be made.

Prior to studying at Lincoln University José graduated as a veterinarian from Austral University in Chile and worked in the fish food industry.

Presently employed in the Agriculture and Life Sciences Division at Lincoln University, José plans to continue research and teaching, particularly in the field of mineral metabolism, the holistic understanding of nutrient utilisation in ruminants and the development of new screening techniques and tools to evaluate animal performance.

Jian Li

A research interest in international transfer pricing (ITP) theory and its practice by multinational companies brought Jian Li from China to Lincoln University to undertake doctoral studies.

Previously, Jian Li was auditor at the Hunan Audit Office, China and obtained a masters degree in Accounting.

As an important international tax issue, an ITP transaction normally takes place between two or more companies and involves two or more tax jurisdictions. Therefore, the transfer price adopted by a multinational company has a direct bearing on the profit of a company and has tax implications for more than one national tax jurisdiction.

In his thesis Jian Li provided comprehensive statistical evidence about ITP practices in New Zealand, Australia and China. This has not been undertaken previously. In this study, the issue of ITP was examined from the perspectives of both the multinational companies and the tax authorities. The combination of surveys of ITP practices and tax audits in developing and developed economies was both innovative and interesting. This study, therefore, provides a useful and original contribution to the understanding of ITP theory and practices.

Jian Li is currently co-authoring a book on Transfer Pricing Audits in China that will be published later in the year. He is interested in continuing research on ITP issues in the Asia Pacific Region.

Visit Limsombunchai

The objective of Visit Limsombunchai's PhD thesis was to identify the factors affecting banks' lending decisions; the amount of credit granted and the interest rate charged to borrowers in Thailand's rural financial market.

A good understanding of the rationale of the banks' lending decision-making process would reduce lending costs and increase the loan repayment rate and profit to the banks. At the same time, it would increase the credit accessibility rate and improve the efficiency of Thailand's rural financial market, which is critical to the development of the rural sector.

The results in this research showed that the bank-borrower relationship played a critical role in determining a bank's lending decisions, the amount of credit granted and interest rate

charged. The lending relationship benefits the borrowers via loan pricing. On the other hand, the bank also gains information about the borrower via the relationship, and uses it to monitor the borrower's credit risk.

Before embarking on his doctoral research, Visit was a lecturer in the Department of Agricultural and Resource Economics in the Faculty of Economics, Kasetsart University, Thailand. Currently, he is Assistant Professor in Agricultural Economics at the University. In the future he would like to become a full Professor.

Dharmadasa Madurappulige

Research focussing on the interactions between a pathogenic fungus and a parasitic insect that attacks a common brassica pest, diamondback moth, was the subject of doctoral research undertaken by Dharmadasa Madurappulige

The role of biological control in the management of insect pests is gaining increasing importance throughout the world, however, little is known about the interactions between biological control agents and whether or not combinations of agents could result in better levels of pest control.

Dharmadasa used both laboratory and field studies to investigate the behaviour of the parasitic wasp in response to contact with the pathogenic fungus and its host. Contrary to expectations, the pathogenic fungus had considerable impact on the parasitic insect and both laboratory and field experiments suggested

that the use of these biological control agents in combination would not be compatible in pest management programmes. This research has clearly suggested new approaches were needed for evaluating interactions between biological control agents for insect pests, and it has established a sound base for further research on this topic.

Before coming to New Zealand, Dharmadasa was a Research Officer in the Department of Export Agriculture in Sri Lanka. On completion of his PhD programme he became head of the Entomology Division in the Research Centre where he oversees pest management research as well as continuing to work with the pathogenic fungus studied in his doctorate research.

Carolyn Vivienne Mander

Fuller's rose weevil is a common pest in kiwifruit orchards as females lay their eggs on certain varieties of fruit. When infested fruit is detected in foreign markets, the fumigation required greatly diminishes financial returns to the industry.

Carolyn Mander's PhD research project investigated the pathogenicity and persistence of *Beauveria bassiana* for the biological control of Fuller's rose weevil larvae in soil. This topic originated from, and was funded by, the kiwifruit industry and was undertaken in collaboration with the Biocontrol and Biosecurity Group at AgResearch, Lincoln.

Her research focused on identifying suitable strains of pathogenic fungi that would cause disease in this weevil and, more particularly, the biological characteristics of those strains that would be effective in the field. The influence of soil factors was also explored.

Carolyn's research provided a comprehensive body of knowledge on fundamental aspects relating to the interaction between *B. bassiana* and Fuller's rose weevil. It also suggested many avenues for future research that will assist in the development of commercial biological control products for the kiwifruit and other horticultural industries.

Prior to commencing her doctoral research Carolyn was employed as a Junior Research Fellow at the University of Otago. She completed an MSc at the University of Canterbury.

Carolyn intends to undertake postdoctoral research at AgResearch and, ultimately, to pursue a career in biological control research in New Zealand.

Sathiyamoorthy Meiyalaghan (Mei)

Mei obtained a BSc (Hons) degree from Eastern University in Sri Lanka. He then worked as an assistant lecturer at the University before emigrating to New Zealand and taking up a research assistant position at Lincoln University.

Mei's PhD research involved developing strategies to produce genetically engineered potatoes with durable resistance to potato tuber moth, a major insect pest of potatoes. As well as achieving the goal of resistance to potato tuber moth, Mei showed that the introduced genes can be switched on only in the leaves of the plant and not in the edible tubers. This

may be more acceptable to consumers. He also established experimental approaches to test the effectiveness of gene combinations in clonal crops such as potato. After identifying two genes that combine to give enhanced insect resistance, Mei then successfully developed potato plants with both genes.

Currently, Mei is working at Crop & Food Research Ltd while applying for postdoctoral fellowships.

Reza Shah Pahlevi

Coastal fisheries in Indonesia were the focus of the doctoral research undertaken by Reza Shah Pahlevi, who critically examined the recent development of co-management practices for managing reef fisheries on Lombok Island, Indonesia.

Most of the coastal fisheries in Indonesia are over fished, the coastal ecosystems degraded and many poor coastal communities dependent on fishing are suffering.

Reza's study was based on two recently developed community-based co-management initiatives seeking to forge partnerships with government fishery agencies to manage reef fishery resources in different regions of Lombok Island.

The description and analysis was undertaken within the Institutional Analysis and Development (IAD) framework, and in the wider context of changes in the Indonesian political-

administration system from the New Order regime (1966-1998 - with centralised top-down policies) to the Reform government (1998-present - using a devolved framework). Reza found that within the Lombok context, decentralization reforms provided a potential opportunity to harness co-management practices to more effectively address fisheries sustainability concerns, using community-based rules or *awig-awig*.

The research showed that there are factors facilitating and inhibiting the progress of co-management in Lombok, but that it is worth pursuing in principle. The findings will be used to develop a national coastal fisheries strategy for Indonesia.

Reza came to New Zealand from his position as Policy Analyst in the Ministry of Fisheries in Indonesia and was appointed as Senior Policy Analyst in the Ministry on his return

Brett Duncan Murray Painter

Brett Painter's PhD project concerned the remediation of contaminated ground water, a multi-billion dollar global industry.

Permeable Reactive Barriers (PRBs) are one of the leading technologies developed in the search for alternatives to the pump-and-treat method of treatment and have been applied to a wide variety of contaminants over the last 15 years.

Construction of a permeable reactive barrier involves digging a trench in the path of a plume of contaminated groundwater and filling it with materials that will attract the plume and clean up the groundwater.

The aim of the optimisation method developed by Brett was to enable minimum cost designs to be found for real world remediation situations, taking into account all the applicable uncertainty and variability. His work involved the remediation of nitrate contamination, currently a concern in New Zealand. Some trial PRBs have already been installed here.

Brett showed how future installations can be efficiently designed and affordably installed. His Excel spreadsheet model doesn't require the significant amount of site specific information necessary for the more complex stochastic computer models. It runs quickly on a standard PC and requires minimal training. This increases the likelihood that PRB remediation will be considered at contaminated sites in New Zealand and around the world.

Since 1993, Brett has worked half-time for Lincoln Ventures Ltd as a research scientist, as a music teacher, and as Principal Percussionist for the Christchurch Symphony Orchestra. Currently, he is objective leader and co-ordinator for a Lincoln Ventures Ltd led project funded by the Foundation for Research, Science and Technology.

Brett plans to continue research promoting the sustainable development of New Zealand's natural resource systems in an integrated, proactive, adaptive and co-operative manner.

Lora Rose Peacock

Doctoral research by Lora Peacock involved an eco-climatic assessment of invasive insect species in New Zealand. The study predicted insect establishment by utilising a variety of multivariate statistics and computer models, for example artificial neural networks and CLIMEX.

This research has contributed to biosecurity New Zealand by providing the tools to determine which species, on entering the border, could become potentially invasive and harmful to New Zealand. Such knowledge can better protect New Zealand from the harmful impacts of biological incursions on our environment, economy and people.

Lora came to study for her PhD at Lincoln University after being the Coordinator of the Dunedin Environment Centre, a non-government organization, and one year's study for a Diploma in Teaching at the Christchurch College of Education.

Currently, she is Technical Adviser for Risk Analysis (plants), Pre-Clearance, at Biosecurity New Zealand.

Lora's short term goal is to become a Senior Adviser in Biosecurity New Zealand by acquiring a wider focus on the protection of New Zealand's environment and economy against biosecurity risk. In the long term she would like to establish herself as a reputable and internationally recognised researcher in the field of biosecurity and risk management.

Brenda Marjorie Pottinger

Research about the Giant buttercup (*Ranunculus acris*), a widespread weed in New Zealand dairy pastures with an annual national loss in milk solids production estimated at NZ\$156 million, was the subject of Brenda Pottinger's PhD project.

This weed has developed resistance to the repeated use of phenoxy herbicides throughout New Zealand.

Sclerotinia sclerotiorum is a pathogenic fungus that has shown great potential for use as a biological control agent against giant buttercup. Field trial results, however, indicate that control of giant buttercup using the mycoherbicide formulation has been highly variable. Brenda's research involved identifying potential farm management practices that may adversely affect the infection process of the fungal pathogen and therefore, contribute to the field variability of the mycoherbicide.

Brenda's results showed that moisture and lime, both commonly used in farm management

practices, significantly reduced the ability of the pathogen to infect giant buttercup, while nitrogenous fertilisers had no adverse effects. Information gained has allowed a better understanding of the pathogenicity factors influencing the infection by *S. sclerotiorum* in giant buttercup and will enable significant improvements to be made in the application of the commercially formulated product. Recommendations based on this research will be implemented by the AgResearch mycoherbicide group in conjunction with a newly developed commercial product and should result in a mycoherbicide with more predictable performance.

Currently, Brenda is employed as a research technician at the National Centre for Advanced Bio-protection Technologies, Lincoln University. Her long term career aspiration is to work at a senior management level within the research, science and technology sector of the Government to promote private-sector investment and commercialisation of publicly funded research.

Samantha Leia Scarratt

In her PhD research Samantha Scarratt examined ways of enhancing the biological control of leafrollers (an insect pest of grape vines) using flowering plants in an organic vineyard in Marlborough, New Zealand.

Samantha showed that flowering plants may be used to enhance the biological control of these insect pests and results of this research have been presented to grape growers at several conferences and have been used in the 'Greening of the Waipara' scheme. Samantha's research has shown that there may be alternative ways to manage insect pests in vineyard systems other than using chemical insecticides.

Samantha completed a Bachelor of Science (1st class Honours) at Adelaide University, South Australia and then worked for Oecologia Environmental Consultants in Perth, Western Australia before coming to Lincoln University.

Currently Samantha is working at the organic vineyard in Marlborough where her PhD research was conducted and is continuing her research from her PhD project while being employed.

In the future, Samantha hopes to continue working in the wine industry in a research role and looks forward to pursuing research opportunities in the near future.

John Andrew Schischka

John Schischka completed his PhD studies part-time while a lecturer, and now principal lecturer, in the School of Business at the Christchurch Polytechnic Institute of Technology.

John's research applied the capabilities approach of Amartya Sen's 1999 book *Development as Freedom* to two development case studies, one in Samoa and one in Christchurch.

There is considerable controversy in the literature about whether the capabilities approach can be applied in practice, and the main contribution of John's thesis was to develop a focus group method to address this question. This method allows participants in development projects to provide feedback to themselves, and outside agencies, on the extent to which they have been able to widen their choices.

Both the Samoan and Christchurch groups interviewed reported a diverse range of increased choices with some participants noting that they had a much greater level of confidence and more

social skills, while others said they had more opportunities for social interaction - a highly valued activity.

The thesis provided evidence in support of Sen's approach to development; rather than being simply a means by which participants can be given goods or income, authentic development opens up the capabilities people have, and so expands the freedoms and choices of communities and individuals.

John wishes to continue working with organisations involved in poverty alleviation and development programmes, and to continue developing his research skills in the areas of participatory monitoring and evaluation, indigenous entrepreneurship and operationalising the capabilities approach in a Pacific context.

Tripti Singh

The career aim of Tripti Singh on completing his PhD at Lincoln University is to become a world leader in his particular area of research through the performance of high quality work and the development of commercial applications, where appropriate.

Understanding the mode of action of a common fungicide, Methylene bis thiocyanate (MBT), on a wood degrading fungi of *Pinus radiata* was the focus of Tripti's doctoral research.

His work, which advanced the understanding of the sensitivity and relative biological responses of fungi in relation to MBT, should assist in the development of future antisapstain products.

Furthermore, understanding the strength and weaknesses of a fungicide often provides a basis for subsequent research that specifically targets shortcomings that have been identified and so improves a product or its application, and this could lead to new market opportunities.

Tripti completed a Masters degree before commencing his doctoral studies at Lincoln University and since completing his studies he has commenced work as a scientist at Ensis.

Edmar Imperative Teixeira

Edmar Teixeira's doctoral project at Lincoln University, which focussed on the development of best management practices for lucerne crops, has received international attention and returned New Zealand to the forefront of lucerne research.

Edmar used sheep to graze lucerne crops after different numbers of days of regrowth. He then examined the impact of this on the shoot yield and dug roots to see what happened to their size and the amount of sugar and nitrogen they contained. He identified the key times needed to look after the crop, to ensure it persists from one year to the next but, most importantly, when and why the lucerne can be abused, and the priority given to animal performance.

Specifically, he found that short rotational grazing by ewes and lambs on lucerne pre-weaning is feasible and aids live-weight gains without harming the lucerne plant. This is provided the plant had an opportunity to recover and flower the following autumn. This is good news for dryland farmers who know spring is their most reliable period of growth.

Edmar came to New Zealand from Brazil after completing a masters degree in agronomy and working as a technical extension agent for dairy farmers.

He is currently waiting for a smart institution to employ him so he can fulfil his long term career aspirations of working in sustainable agricultural systems. He would like to use environmentally friendly technologies to impact positively on the social aspects of farming communities in developing countries.

Hettiarachchige Don Vasaba Suneedha Vattala (Don)

Before coming to New Zealand, Don Vattala was Deputy Director of Conservation in Sri Lanka. His main responsibilities concerned large forest animals such as elephants.

In his doctoral studies at Lincoln University, Don's focus switched to one of the smallest animals in the world, a parasitic wasp, which is a biological control agent of the most important New Zealand pest, the argentine stem weevil. He demonstrated that the simple addition of flowering annual plants to pasture margins significantly improved the effectiveness of the biological controlled agent.

Don's PhD was funded by the Foundation for Research, Science and Technology (FRST) through a Technology in Industry (TIF) PhD scholarship, with PGGWrightson as his business link. The protocols he developed are of value to the PGGWrightson business.

Currently, Don is working with AgResearch Lincoln on the Better Border Biosecurity (BBB) FRST programme.

Don aspires to continuing his career in science and is applying for FRST and other post-doctoral funding sources.

Jutamas Jan Wisansing

After completing a Master of Commerce and Management degree at Lincoln University, Jan Wisansing returned to Thailand to take up a position as lecturer at the Prince of Songkla University before returning to pursue doctoral studies.

Jan's thesis examines the tensions and relationships between tourism planning and marketing at the local destination level. In recent times the call for sustainable tourism development has been premised on broad based community participation, which has been virtually non-existent in the consumer (tourist) based approach to marketing. Jan's study, based on three Thai case studies, examined the various approaches to tourism marketing and planning, and developed an integrated marketing model 'within' the tourism planning

process. Notwithstanding the development of a new tourism planning paradigm, Jan's work highlighted the ongoing challenge in (tourism) development between rapid economic gains versus long term environmental and community sustainability.

Jan is now Programme Director in Tourism Management at the Graduate School of Tourism Management, Assumption University, Thailand. As head of the tourism school Jan set herself the goal of making this school "the best tourism school in Thailand."

Scholarship Awards - 2005

(The awards listed are for the initial year of tenure)

UNDERGRADUATE SCHOLARSHIPS

Argyle Award

Kate L. Jordan
Vanessa J.F. Roberts

Bank of New Zealand Undergraduate Scholarship

Erin F. Smith

Canterbury Bright Start Scholarships

Neil A. Hetherington
Daniel L. Montgomerly

William and Ina Cartwright Scholarship

Matthew D. Robinson

William John Cartwright Trust Scholarship

Ruth M. Wynn

Canterbury Cricket Scholarships

Todd D. Astle
Darren J. Broom
Scott R. Brownlee
Henry M.A. Cameron
Adam B. Coleman
David H. Fulton
William M. Lonsdale
Benjamin J. Rae
Mark D. Reid
Amy E. Satterwaite
Christopher A. Small
Geoffrey D. Smith
Nicholas H. Teulon

Canterbury Golf Scholarships

Matthew P. Barbour
Jeremy M.B. Clayton
Dean E. Cameron
Mark R. Scott
Lucinda W. Shefford
Rodney D. Yee

Canterbury Hockey Scholarships

David R. Burt
Latoya R. Grant
Nicholas J. Haig
Aimee S. Heaps
Michael R. Hook
Cindy A. Irvine
Katy A. Keen
Kate L. Roughan
Denise L. Sutherland
Michael G. Lucking (Postgraduate)

Canterbury Netball Scholarships

Trudy L. Barnett
Johanna M.T. Brogan
Emily P. Chamberlain
Ashley R. Marsh
Hanna Murphy
Sarah R. Paton
Sophie Y.J. Roberts
Amanda Ryan
Hannah R. Sjöberg
Gina R. Taylor
Jessica K. Langman (Postgraduate)
Bridie C. O'Sullivan (Postgraduate)



Canterbury Rugby Scholarships

Simon Aldridge
Vincent W. Booiman
Scott R. Bowley
David J. Crouchley
Fergus W. Cullen
Alex S. Dalzell
Jonathan S. Direen
Antony P. Dodunski
Thomas R. Fleming
William A. Heinz
Brendan M. Kreft
Samuel A. McIvor
Craig I. Mora
Adam J.R. Roe
Nicholas J. Roulston
Phillip H. Siave
Mitchell P. Sim
Timothy I.W. Sneddon

Christchurch City David Close Awards

Rachel M. Boon
Joseph G. Harrison

Charles and Ella Elgar Trust Bursaries

Jodi M. Turnbull

John Chaytor Memorial Scholarship

Sarah G. Campbell

Freemasons University Scholarships

Sharon L. Forbes
Suzanne A. Vallance

George Graham Trust Scholarship

Ashley R. Parkes

Harcourts Real Estate Scholarship

Jessica A. Doran
Zhengrong Yan

Hilton Haulage Transport Limited Scholarship

Stephen J. Carruthers

HP Scholarship Awards for Excellence in Software Engineering

Jonathan P. Festing

William Hudson Scholarship

Elizabeth M. Waugh

Inclusive Education Undergraduate Award

Luke A. Dowling

Lincoln-Telford Fees Scholarship

Brian H. Dunckley

Lincoln University Alumni Association Bursaries

Adam J.R. Clark
James W. Donald
Megan L. Harte
Natasha L. Joyce
George C. Macmillan
Lyndon J. McNab
Lachlan U. Ranken
Christopher K. Sclater
Matthew A. Wild

Lincoln University Entrance Scholarships

Alice R.C. Allsop
Anna R. Broms
Mark C. Burgess
Joshua D. Cairns
Daniel M. Cottrell
Alex S. Dalzell
Charlotte L. Faulks
Melissa R. Flett
Jennifer R. Harvey
Rebecca A. Heenan
William E. J Henson
Neil A. Hetherington
Cameron I. Ludeman
Hamish Martin
Richard F.G. Moore
Phillipa J. O'Neill
Timothy C. Pender
Cavina L. Skilton
Jesse E. Wilcox

Lincoln University Excellence Scholarships

Rachel M. Boon
Nicola J. Kelland
Chloe L. Lester
Diana R. Selbie

Lincoln University Future Leaders Scholarships

Adam D. Gillespie
Phillip H. Oliver
Marcy L. Taylor
Virginia J. Timperley
Richard J. Suttie

Lincoln University Suffrage Centennial Undergraduate Scholarship

Shona A. Sam

T.E. Ludecke Memorial Award

Andrew Q. Nation

McEwings Mountain Sports Macpac Wilderness Equipment Research Prizes in Recreation Management

Year 1	Neil A. Hetherington
Year 2	Michael J. Gillies
Year 3	Graeme L. Davies

Meat New Zealand Agribusiness Scholarship

Haydn J. Blatch

National Bank Young Farmer Contest Scholarships for Excellence

James W. Donald
Ross Dowling
Cole D. Groves
Philip D.H. Holt
Anna M. Paton
Aaron D. Price
Marcel D. van Reenan

New Zealand Dairy Industry Undergraduate Scholarship

John J. Assen
Kara J. Bolton
Thomas O. Broughton
Laura E. Buckthought
Alex S. Dalzell
George A. Gibb
William J. Grayling
Cole D. Groves
Ben R. Inder
Kate L. Jordan
Trevor W. Knyvette
Bradley S. Lewis

Michael J. Lucey
Georgina MacKie
Athol G. New
Alexandra O'Connell
Rowan P. O'Connor
Matthew G. Rice
Nathan J. Smith
Malcom J. Swney
Edward N. Tapp
Scott R. Tomlinson
Scott M. Townshend
Karen E. Turnbull
Phillip J. White
Sam J. Williams

John Charles Nicholson Memorial Scholarship

Gemma D. Smith

The Salvation Army Edmund Sanderson Jeff Farm Scholarship

Ross K. Bowmar
Alex S. Dalzell
Jamie P. Davidson
Timothy J. Dunn
Rodney J. Hansen
Grant J. Hardie
Stephen D. Henderson
Natasha L. Joyce
Christina H. King
John-Mark J. Lietze
William A. Lowe
Matthew R. Luke
Hamish C. Martin
Jane E. McCormick
Hayden T. McKenzie
Timothy H. McRae
John H. Mehrrens
Alison B. O'Connell
Christopher J. O'Sullivan
Shaun G. Pulham
Dean A. Rabbidge
Simon G. Rabbidge
Nadine A. Restieaux
Hamish D. Richards
Craig G. Trotter
Tarryn J. Walsh
Jessica O. Warnock
Michael E.C. White
Jesse E. Wilcox
Matthew A. Wild

Sir Arthur Sims Scholarships

Warwick J. Allen
Richard J. Bath
Paul R. Clement
Adam B. Coleman
Alex S. Dalzell
Geoffrey T. England
Murray H. England
George A. Gibb
Simon J. Kenny
Cameron R. Reed
Thomas S. Simpson
Andrew S.C. Wiffen
Rodney D. Yee

SS Obery Farm Cadet Bursary

Hamish S. Galletley

John Samuel Taylor Memorial Text Book Awards

Emma L. Bourke
Jane M. Fisher

JMH Tripp Agricultural Scholarship

Thomas O. Broughton

Gladys Grace Vale Bursary

Jodi M. Turnbull
Jane M. Fisher

Wrightson Scholarship

Anna L. Vaughan

Wrightson Agmardt Young Farmer Contest Scholarships for Excellence

James W. Donald
Ross W. Dowling
Cole D. Groves
Phillip D.H. Holt
Anna M. Paton
Aaron D. Price
Marcel D. van Reenan

POSTGRADUATE SCHOLARSHIPS

Bank of New Zealand Postgraduate Scholarship

Charlotte J. Fletcher

Miss Clarice Bell Memorial Scholarship

Mark R. Ludemann

Syd Bodmin Scholarship

Melissa A. Talbot

Freemasons Postgraduate Scholarship

Brendan J. Dody

William Gao Postgraduate Scholarship for Excellence

Heather M. McKay

Howard Bezar Memorial Rotary Prize

Samantha L. Scarratt
Rashidi Othman
Sanjeev V. Raikar

Sir Charles Hilgendorf Memorial Postgraduate Research Scholarship

Yi-Sien Lin
Andrew W. Greer

Ingleby Company Limited Pastoral Scholarship

Mark R. Ludemann

Lady Isaac Scholarship in Nature Conservation

Kirsten L. Campbell



Lincoln University Doctoral Scholarships

Edward J.S. Hearnshaw
Meixia Hu
Fujen Shen
Kim M. Sinclair

Lincoln University Graduate Scholarships

Khuyen L. Nguyen
Brendan J. Doody
Sharon L. Forbes
Liang Chang
Jennifer M. Hurst
Timothy J. Moses
Kirsten L. Campbell
Brendan D. Richards
Joanna K. Whitehead
Joseph Falconer
Jefferson R.T. Hidayat
Antje Bednarek

Lincoln University Senior Scholarships

Kanyan Li
Dale E. Ross
Erin F. Smith
Melissa A. Talbot

William Machin Doctoral Scholarships for Excellence

Judith D. Wilson
Gareth M. Allison

L W McCaskill Scholarship

Charlotte J. Fletcher

McEwings Mountain Sports Macpac Wilderness Equipment Research Scholarship in Recreation Management

Heather M. McKay

Sarita McClure Scholarship

Khuyen L. Nguyen

Sir John Ormond Doctoral Scholarship

Abel D. Alonso

Heaton Rhodes Scholarship

Mariana L. Vargas

Struthers Scholarship

Andrew W. Greer

Margaret Watling Scholarship

Richard Pender

Gordon Williams Postgraduate Scholarship in Ecological Sciences

Joanna K. Whitehead
Huibertje M.E. Schotborgh



Prize Awards – 2005

John Henry Atkinson Prize

William M. Lonsdale

ASB Bank Prizes

Semester one

1st in ACCT 102	Xin Guo
2nd equal in ACCT 102	Clare J. Harrison
2nd equal in ACCT 102	Phillip H. Oliver
2nd equal in ACCT 102	Baoying Gong

Semester two

1st in ACCT 102	Scott R. Brownlee
2nd in ACCT 102	Matthew D. Winter

Bachelor of Environmental Management Prizes

James E. Kilbride
Dale E. Ross
Katherine L. Berkett

Ian Blair Memorial Prize

Naomi R. Witham

Boffa Miskell Award

Christopher I. Punt

The CCH Law Prize

Niharika Ghose

The CCH Tax Prize

Xiaobei Shi
Larisa A. Taylor

Cliff Collister Prize

Claire D. Fensom

David Combridge Cup

Simon D.A. Brown

Deloitte Touche Tohmatsu Prizes

First Prize	BCM	Jeremy D. Ross
	B.Com	Ashley B. Small
Second Prize	BCM	Ying Liu
	B.Com	Zhengrong Yan

Environment, Society and Design Division Prizes in Recreation Management

The Alan Taylor Prize
Rachel M. Boon
The John Taylor Prize
Craig J. Grimwood

The Pat Devlin Prize

Karena M. Van Dyk

Environment, Society and Design Division Prizes in Social Science

Year 1	Kelly Corkran
Year 2	Anna K. Archbold
Year 3	Catherine J. Bonifacio

S C Harris Memorial Cup

Trudi R. Alloway

John Hayward Memorial Prize

Miria B. Lange

The Herb Producers Prize

Richard E. Sim
Edward N. Tapp

E R Hudson Prize

Haydn J. Blatch

Human Resources Institute of New Zealand Prize

Amanda J. Green

Institute of Chartered Accountants of New Zealand Prizes

Year 1	Phillip H. Oliver
Year 2	Jeremy D. Ross
Year 3	1st Binghong Huang
	2nd Kanyan Li
	3rd Yuta Nagayama

Institute of Internal Auditors (NZ) Inc. Prize

Kanyan Li

JADE Prize

We Cai

Merrell Johnston Prize

Christopher D.J. Green

C C Leitch Memorial Cup

Hugh G. Ridgen

Matson & Co's Challenge Cup

Amy L. Reith

**NZ Institute of Agricultural Science and NZ
Institute of Horticultural Science Prize**

To be confirmed

NZ Society of Animal Production Prize

Georgina MacKie

NZ Institute of Landscape Architects Prize

Christopher I. Punt

**NZ Institute of Primary Industry
Management Prize**

Aaron D. Price

**NZ Property Institute Student of the Year
Prize**

Caiti M. Morgan

**Wreford Reed Memorial Cup and Marcroft
Challenge Medal**

Hugh G. Ridgen

W O Rennie Memorial Prize

Edward N. Tapp
Scott R. Tomlinson

Bruce Robson Memorial Prize

Wenwei Peng

Sir Ronald Trotter Medal

Vanessa J.F. Roberts

University Gold Medals

Agriculture Amy L. Reith
Horticulture Trudi R.Alloway

Waihora Prize

Christian Kiffner
David M.U. Ziegler

Leonard White Memorial Cup

Elizabeth N. Barkla

Richard Willemse Memorial Prize

Benjamin D. Piuila-Afitu

Sir James G Wilson Prize

Edward N. Tapp

George F Wright Cup

Andrew D. Gage

W A Yardley Cup

Haydn J. Blatch





**Lincoln
University**
Te Whare Wānaka o Aoraki