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UNIVERSITY OF WAIKATO



GRADUATION



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UNIVERSITY OF WAIKATO

GRADUATION

Friday 14 April, 1989

Founders' Memorial Theatre

ORDER OF PROCEEDINGS

The Assembly is requested to stand as the Academic Procession enters the Theatre, and to remain standing for the playing of “God Defend New Zealand”.

The Chancellor, Mrs M.J. Drayton MBE MA DipEd NZ will open the proceedings.

The Vice-Chancellor, Dr W.G. Malcolm MA NZ BA *Camb* PhD *Well* will address the Assembly.

A chant will be performed by members of the Te Whare Wānanga o Waikato cultural group. A brief account and a translation of the chant are given at the back of this programme.

The Guest Speakers will be introduced. The Guest Speakers are:

— *Ceremony for the School of Management Studies and the Waikato College of Teacher Education:*

His Worship the Mayor, Dr R.M. Jansen CBE LLB NZ HonD *Waikato*.

— *Ceremony for the School of Social Sciences and the School of Humanities:*

Te Arikiniui, Dame Te Atairangikaahu ONZ DBE HonD *Waikato*.

— *Ceremony for the School of Science and the School of Computing and Mathematical Sciences:*

The Chancellor, Mrs M.J. Drayton MBE MA DipEd NZ.

The Deans will present to the Chancellor for the conferment of their degrees and the award of their diplomas and certificates, the graduands from each School of Studies. The Deans are:

— *Dean of Management Studies:*

Professor B.V. Smith BCA *Well* ACA CMA.

— *Dean of Education:*

Professor I.A. McLaren MA NZ AM *Chic* PhD *Well*.

— *Dean of Humanities:*

Associate Professor L.H. Barber BA NZ DipTh *Otago* MA PhD *Massey*

— *Dean of Social Sciences:*

Associate Professor B.S. Parsonson MA DipClinPsych *Cant* PhD *Kansas* ANZPsS.

— *Dean of Science:*

Professor R.M. Daniel BSc(Hons) PhD *Leic* FNZIC.

— *Dean of Computing and Mathematical Sciences:*

Associate Professor J.C. Turner MSc *Leeds* DPhil *Waikato* FSS.

The Assembly will stand and will be joined by members of the University choir to sing “Gaudeamus”.

The Assembly is asked to remain standing until the Procession has left the Theatre.

“GAUDEAMUS”

Gaudeamus igitur juvenes dum sumus;
Gaudeamus igitur juvenes dum sumus;
Post jocundam juventutem,
Post molestim senectutem,
Nos habebit humus, nos habebit humus.

Vita nostra brevis est, brevi finietur;
Vita nostra brevis est, brevi finietur;
Venit mors velociter,
Rapit nos atrociter,
Nemini parcetur, nemini parcetur.

Translation:

Let us be joyful therefore
While we are young;
After youth that brings joy,
After old age that brings grief,
The grave will take us.

Our life is short,
Soon it will be finished;
Death comes quickly,
It snatches away violently,
It will spare nobody.

Vivat Academia! Vivant professores!
Vivat Academia! Vivant professores!
Vivat membrum quodlibet,
Vivant membra quaelibet,
Semper sint in flore! Semper sint in flore!

Long live the University,
Long live the professors,
Long live every member,
Long live every part,
May they ever flourish.

Music by: *TELECOM HAMILTON BRASS*
Conductor: *MR B.R. BORTHWICK*

SCHOOL OF MANAGEMENT STUDIES

BACHELOR OF MANAGEMENT STUDIES

Katharine Anne Agnew
Diderik Leonard Ankersmit
Emma Mary Ardern, with First Class Honours
Philip Michael Armstrong
Catherine Ann Baigent
Gary Russell Baker, with Second Class Honours (First Division)
Graeme John Bayne
Ross Edwin Brudenell Bell-Syer
David Andrew Bevan
Ralph Ivan Blackburn
Jonathan Andrew Boom
Nicola Jane Bourne, with First Class Honours
Monica Katherine Anne Brawn
Allan Clive Bryant, with Second Class Honours (First Division)
Claire Tracey Bullock
Michelle Anne Burr
Jennifer Margaret Burton
Janet by de Ley
Martyn Ramsey Callister, with Second Class Honours (Second Division)
Richard Allen Chadderton, with Second Class Honours (First Division)
Amanda Jane Chapman
Karen Leslie Cheverall, with First Class Honours
Ross Arneil Christie
Kerry Michael Chung, with First Class Honours
Ian Malcolm Clague
Dyan Jean Clements
Dorothy Christine Cochrane, with First Class Honours
Christine Leigh Colman, with Second Class Honours (Second Division)
Rodney Donald Coombridge
Fraser Thomas Coutts
Louise Maree Cowen
Alston John Cox
Helen Louise Crawford
David Michael Curran
John Thurstan Dickinson
Mark Dobson
Gregory James Donnison
Michaela Tracey Dumper, with First Class Honours
Bruce Ferguson Duncan
Murray James Dunn, with Second Class Honours (Second Division)
Michael Raymond John Elliott
Charlotte Helen Endres, with Second Class Honours (Second Division)
Kiwi Fa'afua
Michael Joseph Patrick Farrell
Christopher Fong, with Second Class Honours (Second Division)
Leanne Marie Ford
Pamela Clare Ford
Carmel Frances Foy
Alice Joanne Gaastra, with Second Class Honours (First Division)
Brent Frank Gibson
Darnelle Catherine Gillard
Michelle Tracy Groizard, with Second Class Honours (Second Division)

Helmy Had Sabtu
Stephen Herbert Halliwell
Mohamad Noor Hamzah
Peter Evan Hayward
Nigel Paul Hazelwood
Andrew Wallis Heaton
Antony Peebles Hill
Adrian Edgar Hills, with First Class Honours
Michael James Honiss
Neil Raymond Hooper
Sandra Mary Hopping, with Second Class Honours (Second Division)
Thomas Michael Hunter, with Second Class Honours (First Division)
Nanianti Indrasa Ibrahim
Jamilatul Shahmiah Jamaluddin
Lynda Anne James
Frank Marten Janssen
Grant Ian Jennings
Bryce Grant Johns, with Second Class Honours (First Division)
Wayne Viggo Kimber
Tahi James Kingi
Brian Anthony Kirtlan, with Second Class Honours (Second Division)
Antony Bryden Lane
Christine Maria Lansdaal, with Second Class Honours (First Division)
Stephen James Lee
Julie Elaine Leeson
Thea Michele Lemmens
Claire Susan Lewes
Wendy Faye Lewin
Darren Jason Lightburn
Gregory Graeme Lim
Wayne Nigel Lim, with Second Class Honours (First Division)
Stuart Alexander Luke
Jeanette Mary MacLennan
Alina Bte Mahmud
Kimball Rijnbende Martin
Brian Clifford Mather
Amanda Muffett Matthews, with Second Class Honours (First Division)
Peter Bruce McCallum, with Second Class Honours (First Division)
Murdoch Hamish McDonald
Andrew John McGregor, with Second Class Honours (Second Division)
Kiri Anne McRae
Reid Ross McRobie
Aaron James Mills
Darron Bruce Mitchell
Lindsay Ivan Morrison
Anthony William Motion
Bernadette Maree Muller
Glen Richard Murphy
Heni Marina Ngata
Murray Paul Nolan
Niwa Ranji Nuri
Kerry Louise Oakly, with Second Class Honours (First Division)
Nitha Nevaditha Palakshappa, with Second Class Honours (First Division)
Suzanne Lisa Parker, with Second Class Honours (First Division)
Yvonne Innes Penman, with Second Class Honours (First Division)
Craig Barry Percy
Lynne Margaret Perry, with Second Class Honours (Second Division)
Anjum Nausheen Rahman, with First Class Honours

Todd Edward Selwyn
Lance Roy Sheeran
Stuart Austen Shepherd, with First Class Honours
Philip Geoffrey Shepherdson
Elizabeth Sarah Leigh Sheriff
Gaynor Elizabeth Shirley, with Second Class Honours (Second Division)
Kevin Shum
Catherine Jean Sims
Frazer Denis Smith
Steven David Smith
Maree Ann Spraggon
John Craig Stevens
Donna Lucia Stock
Margret Anne Tate
Jeffrey Lewis Torrens
Denis John Treanor
Denise Michelle Turley, with Second Class Honours (First Division)
Geoffrey John Tweed
Martin John Van der Loeff
Wendy Jane Walker
Christina Yvonne Joy Walsh
Nicola Walter
Wang Boi Hua
Stephen George Manuka Whiu
Nigel Colin Wilshier, with Second Class Honours (Second Division)
Mark Andrew Wilson
Rawiri John Winiata
Mark Anthony Withy, with Second Class Honours (First Division)
Lisa Wendy Wong
Peter Edwin Wooten
David Paul Wright
Susan Elizabeth Wright
Frances Carol Young

WAIKATO COLLEGE OF TEACHER EDUCATION

MASTER OF EDUCATION

Spencer Noel Baty, in Education
Jill Winifred Mitchell, in Education
Nirmala Raghavan, with First Class Honours in Education
Heather Annette Simpson, in Education

BACHELOR OF EDUCATION

Michelle Joy Adams	Rebecca Ann Lord
Grietje Apolonia Badham	Stephen Leonard MacDonald
Jennifer Kay Barlow	Josephine Mary Makgill
Robyn Ellen Barrow	Sandra Ann Martin
Christine June Bear	Beryl Te Haumihiata Mason (Watene)
Helen Margaret Becconsall	Tania Maria Matthews
Gavin George Beere	Suzanne Jane McCowan
Denise Caroline Briggs	Jaye Lee McIsaac
Mark Hendrikus Burggraaf	Tracey Leigh McSweeney
Tracey Ann Burton	Kenneth Arthur Miller
Melinda Ann Campbell	Sharron Maree Moir-Davis
Norman John Charteris	Lavinia Maria Monga
Jill Lona Clarke	Andrew James Morgan
Gregory Thomas Cochrane	Susan Helen Murray
Maree Elizabeth Cornes	Andrew John Neighbour
Kerrienne Joy Cowley	Maree Lillian Nicoll
Blair Thomas Daly	Reta Porima Paea
Colin Ross Denize	Susan Jane Pattillo
Robyn Jennifer Dunstall	Wendy Denise Peterson
Wayne Mervyn Forman	Shiree Anne Pilkinton
John Leo Frings	Elizabeth Joy Proudlock
Sarah-Jane Garrett	Karen Lesley Rapson
Katherine Lucy Gibbs	Yvonne Olivette Raureti-Carson (Carson)
Dale Jeanette Gibson	Leanne Jacqueline Rowe
Cheryl Kristine Hardy	Julia Margot Sewell
Paul Francis Hodgkinson	Lauree Joy Shearer
Vicki-Lea Horsburgh	Peter Wallace Clarke Smith
Carol Helen Hoskin	Yvonne Anne Stones
Allison James	Grant Duke Sutton
Amanda Leigh James	Dorothy Merilyn Taylor
Mark David Johnson	Patricia Ann ten Holt
Margaret Maud Jones	Gregory Wayne Thomas
Jill Patricia Kenny	Lorraine Marie Thomas (Thurlow)
Gianne Claire Kingston-Smith	Katrina Mae Tulip
Linley Joy Leong	Judith Kim van den Eng
Catherine Jean Lindsey	Jennifer Anne Waddel

DIPLOMA IN EDUCATIONAL STUDIES

Derrick Ronald Depledge	Susana Damian Blaza McKernan
Lau Kot Poi	Phyllis Rima Mutiga

DIPLOMA IN GUIDANCE AND COUNSELLING

Ineke Castina	Christina Thorne Robertson
Alison Mary Cotter	Paula Anne Southgate
Roger Stanley Hunt	Margaret Eileen Whitehouse
Gordon Brett Macdonald	Richard James Wigelsworth
Margaret Anne Murray	

CENTRE FOR CONTINUING EDUCATION

CERTIFICATE IN CONTINUING EDUCATION

David Stewart Scott

SCHOOL OF HUMANITIES

DOCTOR OF PHILOSOPHY

Ronald Charles Smith BSc(Hon) *S'ton* MA *Waikato*
Thesis: Ethics and Informal War

MASTER OF PHILOSOPHY

Sally Kathryn Parker BSocSc *Waikato*
Thesis: Waikato Farm Women in the 1950s

MASTER OF ARTS

Michelle Jennifer Edgerley, with Second Class Honours (First Division) in English
'Ana Hau'alofa'ia Koloto, with Second Class Honours (First Division) in Education
Sydney Melbourne, in History (two papers in Maori)
Asofou Samuelu So'o, with Second Class Honours (First Division) in Politics
Meredith Christine Thatcher, with Second Class Honours (Second Division) in Politics
(one paper in History)

BACHELOR OF ARTS WITH HONOURS

Jane Parry, with Second Class Honours (First Division) in History (one paper in English)
Caroline Veronica Julia Trent, with Second Class Honours (First Division)
two papers in English and two papers in History
Susan Maree Walmsley, with Second Class Honours (Second Division) in History
(one paper in Politics)

BACHELOR OF ARTS

Graham Robert Bethune	Heather Catherine Doelman
Lois Rosemary Felicity Blythe	Karen Jane Douglas
Michele Robbie Bourke	Ross David Douglas
Lisa Marie Braithwaite	William Allan Douglas
Nicola Mary Brown	Wendy Helen Duffell
Rognvald Alastair Burgess	Susan Patricia Fflight
Richard Anthony Campbell	Susanne Erika Gall
Mark Stephen Chandler	Louise Elizabeth George
Kevin Robert Churchill	Melody Evelyn Graham
Megan Rebecca Judith Claridge	Stephen Derek Hamilton
Stephanie Anne Clark	Neryda Ruth Harland
Debra Gaylene Clarke	Mary Jane Harris
Jean-Ann Colquhoun	Theresa Hayward
Amanda Elizabeth Ruth Cowell (Aandewiel)	Margaret Claire Heenan
Suzanne Norah Cullen	Catherine Anne Hemi
Gretchen Elizabeth de Jong	Susan Anne Jeakings
Marion Dellas Jane de Weyer	Kiri Leigh Jillings
Karen Elaine Devcich	Richard Lloyd Johnston
Sandra Margaretha Diekerhof	Bruce William Kelsall
Jacqueline Ann Dillon	Nigel Bruce King
Chandra Jane Dixon	

Angela Jane Lamb
Clare Louise Laurenson
Kym Dianne Laverick
Stephen John Lowry
Lois Ellen Luke
Helen Joy Macnaughtan
Nancy Te Hinureina Mangan
Diana Leigh Mason
Pamela Elaine McLean
Deborah Clover Meldrum
Christine Marie Morris
Sarah Catherine Neems
Eileen Te Waireua Paulin
Jennifer Karen Pearson
Kristy Lee Pellett
Susan Diana Pilcher
Iona Grace Power
Annetta Joyce Preece
Lindsay John Priest
Charles Pukallus

Ellen Maria Rangiwaha
Tekawe Terence Ratu
Alwyn Michael Rees
Christina Mary Roy
Helen Elizabeth Russell
Evelyn Helen Rust
Wiremu Robert Anaru Shuker
Alison Mary Arvid Southby
Tina Spencer
Gabrielle Hinepoto Tahere
Mary Tait-Jamieson
Warren Blaise Te Tai
Annette Elizabeth van Brakel
Paul Edward Van Etten
Helen Wilhelmina Van Goch
Megan Gwyneth Williams
Aaron John Wilson
Rachal Zara Wilson
Rodney Yee
Vicky Leigh Young

CENTRE FOR CONTINUING EDUCATION

CERTIFICATE IN MAORI STUDIES

Mary Moepatu Borell

SCHOOL OF SOCIAL SCIENCES

DOCTOR OF PHILOSOPHY

Sharon Lucille Driscoll MSocSc *Waikato*

Thesis: A Formative and Process Evaluation of a Service Development Group: An Analysis of the Waikato Hospital Board's Review of Maternity Services.

MASTER OF SOCIAL SCIENCES

Margaret May Begg, in Geography (two papers in Sociology)
Richard James Blows, in Psychology (two papers in Sociology)
Jacqueline Ann Buckley, with First Class Honours in Psychology
Jennifer Ann Chapman, in Geography (one paper in Earth Sciences)
Gerard Michael Shaun Dolan, with Second Class Honours (Second Division) in Psychology
Cindy Jane Harvey, with Second Class Honours (First Division) in Psychology
Craig John Hawke, with First Class Honours in Economics
Michael John Hickman, with First Class Honours in Politics
Tara Cecile Jeory, in Psychology
Brent Maxwell Jones, with First Class Honours in Psychology
Phillip Andrew Knight, with Second Class Honours (First Division) in Psychology
Ruth Lilian, with First Class Honours in Psychology
James Stewart Anderson McEwan, with First Class Honours in Psychology
Brenda Colleen Peters, with Second Class Honours (First Division) in Psychology
Bhiren Prasad, with Second Class Honours (Second Division) in Politics
Dean Brent Rea, with First Class Honours in Economics
Monique Ann Roberts, with Second Class Honours (First Division) in Geography
Ian Branson Roy, with Second Class Honours (First Division) in Politics
(one paper in Geography)
Andrew Graeme South, with Second Class Honours (First Division) in History
Craig Garry Tuck, with Second Class Honours (First Division) in Psychology
Pamela Cawte Winter, with First Class Honours in Sociology (one paper in Philosophy)

BACHELOR OF SOCIAL SCIENCES WITH HONOURS

Wendy May Boyce, with Second Class Honours (First Division)
two papers in Geography and two papers in Psychology
Tracey Joy Harper, with Second Class Honours (First Division) in Geography
John William Janssen, with First Class Honours in Economics
Catherine Margaret Levy, with Second Class Honours (First Division) in Psychology
Glen Harvey Redstall, with Third Class Honours in Geography

BACHELOR OF SOCIAL SCIENCES

Rokiah Abd. Ghani	Susan Marie Harris
Simon James Adlam	Muji Bte Hassan
Asiah Bte Ahmad	Judith Anne Hay
Grant Allan Amer	Craig Alexander Hight
Raewyn Shirley Annas	Stephen Michael Horton
David Laurentinus Aulia	Sandra Jean Hoskin
David Charles Bach	Adrian Donald Hoten
Gary Frank Basham	Clive Leslie Hudson
Genevieve Camille Bassett	Wendy Sharon Hughes
Steven Phillip Berry	Ruth Louise Hungerford
Herman Joseph Boller	Edward Cheyenne Hunt
Margaretha Shirley Bouma	Hwang Thiam Teong
Theresa Kura Dawn Boyd	Sonia Elizabeth Irwin
Thelma Rose Brown	Amanda Louise Johns
Lynne Margaret Buisson	Bridget Mary Jones
Nigel Stuart Calder	Robyn Ruth Jury
Wayne Errol Carter	Tara Kanji
Sally Ann Chadwick	Megan Frances Kay (Fraser)
Margaret Helen Churchman	Heather Juanita Keen
Denyse Ann Clapham	Derek Russell Kerr
Kimberley Diane Coker	Robert Kerr
Stephanie Clare Cooke	Fleur Joanne Keys
Anna Louise Coombs	Timothy Glen Kilgour
Drew Cowley	Joanne Kilsby
Angela Margaret Cragg	Christopher Paul King
Lucy Cornelia Antoinette de Wit	David George King
Lynne Patricia Dee	Pranil Hoteswar Lal
Mark Ramsey Sen Deoki	Susan Jane Lamb
Nanjulla Devi	Christopher Geoffrey Michael Lawn
Simon Neil Dobbs	Richard Anthony Leavy
Norwati Dzulkifly	Hoi Mui Lee
Stephanie Ann Eddy	John Robert Lee
Greta Noeline Ellis	Lee Siew Pin
Alex Elizabeth Fear	Paula Michele Lemon
Pamela Margaret Fegan	Donald Leumaga
Stephen John Field	Lim Bee Hua Sherly
Michelle Anne Fitzgerald	Lim Choon Seng
Arlene June Foster	Catherine Ann Livingston
Gloria Joan Foxley	Lesley Susan Lorenzen
Helen Gilbert	Moir Margaret
John Butler Gower	Neil John Marnane
David Leslie Gubb	Richard Malcolm Matthews
Murray James Harding	Carol Alice Maxwell
Ellen Hope Hardner	Tina Maria McAdie
Timothy Peter Harker	Gerard Eoin McCaffrey

Serety-Ann Matewai McCudden
Karen Eleanor McGregor-Dawson
Nicola Cecile McKinney
Colin Ross McLeay
Laura Katherine McLeod
Jason Murray John McMillan
Merrin Elizabeth McNeil
Mark Philip McSherry
Michael Dalmore Minogue
Barbara Ann Pareatai Moke-Sly
Winifred Ruth Molan
Andrew William Mouat
Annie Muirgen
Evans Kaburu Mutiga
Shayne Clifford Nahu
Michael John Neale
Leonard John Old
Peter Robert Old
Gillian Sara Pairaudeau
Keriatia Jane Paterson
Azlina Binti Pawancheke
Kaye Maryann Penno
Maurice Bernardus Dingeman Peterse
Caroline Anne Phillips
Poh Ka Theng
Christine Kathleen Priestley
Wendy Rae Richardson
Dean Francis Riley
Sonya Siniua Robertson
Richard David Robyns
Dianne Heather Rose
Christine Anne Sanders
Susan Margaret Savage

Richard Andrew Scott
Karu Jan Shaw
Cindy Waimaria Simpkins
Yashwani Bishwambar Singh
Karen Lee Stansfield
Hamish Rex McCallum Steven
Joanne Elizabeth Strahan
Sharon Julie Sunderland
Brenda Lee Sutherland
Lisa Wynne Telfer
Shari Jane Tidswell
Scott Paul Titchener
Wendy Christina Tuck
Jane Mary Elisabeth Vanderpyl
Erika Vink
Shane Ross Walden
Elaine Jean Warr
Mark William Watts
Anne Elizabeth Wells
Cecelia Rangitutaki Wetere-Hotene
Douglas Keith Wheeler
Nigel Kenneth White
Kerry John George Whittaker
Paul William Wilkinson
Ian Christopher Williams
Jeanette Ruth Wilson
Linda Carol Wilson
Puti Joy Wilson
Wong Siew Ming
Vicki Margaret Wood
Aileen Kay Wrathall
Yong Tjun Liong
Justine Meryl Young

DIPLOMA IN ECONOMICS

Phillip George Corboy

Rizvi Ismail Khan

DIPLOMA IN PSYCHOLOGY (CLINICAL)

Elizabeth Barbara Court
Averil May Lloyd Herbert

Tara Cecile Jeory
Richard Marshall Mills

DIPLOMA IN PSYCHOLOGY (COMMUNITY)

Helen Christina Sullivan

DIPLOMA IN WOMEN'S STUDIES

Noeline Chell Nuttall

SCHOOL OF SCIENCE

DOCTOR OF SCIENCE

Dougald Steward Moreland Phillips MSc *NZ*

The papers presented covered a range of research contributions to the dairy industry on the science and practice of milking: particularly pre-milking stimulation, and milking machine technology and its effects on the performance and health of the milking cow.

DOCTOR OF PHILOSOPHY

Christopher John Adams MSc *Waikato*

Thesis: Synthetic and Kinetic Studies of 2' — Hydroxychalcone Epoxides

Skelte Gerald Anema MSc *Waikato*

Thesis: Aspects of Group 14 — Transition Metal Chemistry

Paul Christian Augustinus BSc *Melb* BSc(Hon) *Tas*

Thesis: The Influence of the Lithological and Geotechnical Properties of Rocks on the Morphology of Glacial Valleys

Ian Kenneth Grant Boothroyd BSc(Hon) *Manc* MSc *Wales*

Thesis: The Ecology and Taxonomy of Chironomidae (Diptera: Insecta) from Pirongia Streams

Willem Pieter de Lange MSc *Waikato*

Thesis: Wave Climate and Sediment Transport within Tauranga Harbour

Valda Maie Kirkwood BSc BA *Cant* MSc *R'dg*

Thesis: Energy For A Change: Teaching and Learning About the Energy Concept in New Zealand Secondary School Junior Science Classrooms

Venu Krishnamurthy BTech I.I.T. *Madras* MSc *Waikato*

Thesis: Instruction Systolic Arrays for Exact Parallel Linear Algebraic Computation

Siew Kim Lee MSc *Waikato*

Thesis: Some Chemistry of Group IVB-Cobalt Carbonyl Compounds

Sivananda Susila Panadam-Twigley BSc *Madr* MSc *Waikato*

Thesis: Identification and Analysis of Extractable Organic Compounds Present in Pulp and Paper Mill Effluent

Mark Langton Patchett MSc *Waikato*

Thesis: Arginase from Bacillus caldovelox

Miranda Service BSc(Hon) *H.-W.*

Thesis: Further Studies of Group 14-Cobalt Carbonyl Chemistry

MASTER OF SCIENCE

Andrea Ruth Bell, with First Class Honours in Earth Sciences
Mark Langtry Brown, with First Class Honours in Chemistry
Dale Anthony Carnegie, with First Class Honours in Physics
Paul Duncan Champion, in Biological Sciences
Mary Charles, with Second Class Honours (First Division) in Biological Sciences
(one paper in Chemistry)
Peter Robert Cochrane, with First Class Honours in Earth Sciences
Gregory Murray Cook, with First Class Honours in Biological Sciences
Penelope Jane Cooke, with Second Class Honours (Second Division) in Earth Sciences
(one paper in Biological Sciences)
Elizabeth Emma Doolin, with First Class Honours in Chemistry and a thesis in Biological Sciences
Nicholas Boyd Edgar, with First Class Honours in Biological Sciences
Nicholas Andrew Eynon-Richards, in Earth Sciences
Dean Colin Fredericksen, with Second Class Honours (First Division) in Earth Sciences
Mark Gordon Gifford, with First Class Honours in Earth Sciences
Malcolm Stanley Goodwin, with Second Class Honours (First Division) in Physics
(one paper in Computer Science)
Sharon Lesley Harris, with First Class Honours in Biological Sciences
Peter William Hoban, with First Class Honours in Physics
Kang Lai Hiong, with Second Class Honours (Second Division) in Chemistry
Bridget Elizabeth Kerr, with Second Class Honours (First Division) in Chemistry
Donovan Robert Lind, in Biological Sciences (one paper in Chemistry)
Graham Bruce Lynch, in Physics
MaryAnne Macleod, with Second Class Honours (First Division) in Earth Sciences
(one paper in Geography)
Neil Sommerville Martin, with First Class Honours in Physics
Tony Kevin McGhie, with First Class Honours in Chemistry (one paper in Biological Sciences)
Mark Hope Oliver, with Second Class Honours (First Division) in Biological Sciences
Luke Rajan, in Biological Sciences
Robert Starr Ronimus, with First Class Honours in Biological Sciences
Karin May Schofield, with Second Class Honours (First Division) in Biological Sciences
Wayne Conrad Schou, with First Class Honours three papers in Computer Science
one paper and a thesis in Mathematics
Dianne Fiona Sealey, with Second Class Honours (First Division) three papers in Chemistry,
one paper and a thesis in Biological Sciences
Meliha Shanmugam, with Second Class Honours (Second Division) in Chemistry
Andrew Michael Smith, with First Class Honours in Physics
Tristram Jonathan Snowdon, with Second Class Honours (First Division) in Chemistry
Rochelle Claudette Strange, with First Class Honours in Biological Sciences
(one paper in Chemistry)
Judith Elizabeth Van Rossem, with Second Class Honours (First Division) in Biological Sciences
Shelley-Ann Wilson, with First Class Honours in Biological Sciences (one paper in Chemistry)
Johannes Albert Zender, with First Class Honours in Chemistry
Imants Peteris Ziedins, with Second Class Honours (First Division) in Biological Sciences

BACHELOR OF SCIENCE (TECHNOLOGY)

Kerryn Lee Adamson
Christopher Keith Dawkins
Anthony Thomas Hancock

Paula Marie Kenrick
Sean Roderick Macey
David Ross McCracken

BACHELOR OF SCIENCE

Zuraifah Abu Bakar	Hon Thauw Lioe
Michelle Mary Altena	Gregory Lowe
Cherie Amourgis	Stephen Leonard MacDonald
Sutenly Wijaya Ang	Rohana Mahmud
David Ross Bailey	Stephen Pascal Matich
Maura Leigh Bailie	William Courtenay McMaster
Simon Richard Bannock	Donald Ewing McNaughton
Prudence Marguerite Barton-Ginger	Barry Colin Menzies
Simon Charles Blakely	Victor John Middlemiss
Albino Bobogare	Wendy Maria Minkhorst
Rodney Grant Budd	Firoz Mohammed
Mark Hendrikus Burggraaf	Philip James Moore
Victor Alwent Chapman	Catherine Jane Morrow
Antony David Charsley	Dennis John Mundy
Nura Che Din	William John Munro
Dharmesh Kumar Chovhan	Paul James Murray
Gavin Patrick Clarkin	Helen Louise Neil
John David Sefton Cleland	Brent Stuart Ogilvie
Joanne Margaret Collins	Gregory Michael Olsen
Lisa-Marie Costley	David William Painter
Shvo�nn Cunningham	John Douglas Pattenden
Paul John Devereux	John Stuart Peake
Warwick Heath Dibble	Raewyn Yvonne Peters
Albert Paul Dommerholt	Sandra Brigit Price
Rachel Mary Doolin	Colin Fredrick Prince
Wendy Ann Drummond	Anjana Rajendram
Heather Margaret Dunbar	Michael David Rosenberg
Debbie Anne Evans-McLeod	Anne-Maree Jean Schwarz
Angela Diane Fabian	Murray James Scott
Angela Margaret Faville	Steven James Shearman
Andrew Mark Flowers	Angela Tania Sheffield
Geoffrey James Foster	Parbendra Singh
Gregory Andrew Foster	Sarla Wati Singh
Philip William Gardyne	Andrea Joan Smith
Dean Richard Gordon	Rodney John Snowdon
Alan Robert Grey	Angela Marie Stanfield
Craig Peter Gribble	Achmad Sungkar
Wayne Leslie Gribble	Matthew Charles Taylor
Alexander Teece Hartog	Katrina Louise Teh Wai Cheng
Nicholas Ian Hatherill	Mark Francis Thomas
David Neilson Hay	Sarah Anne Tortoiseshell (Dadson)
Karen Maree Hayward	Warren Tully
Mark Alan Clive Henry	Timaima Tinairavia Tuvuki
Reece Blackburn Hill	Mark van Walraven
Scott Maitland Charles Hill	Alistair Craig Veitch
Brent Ernest Hindman	Kirsty Sharon Walker
Elizabeth Naretta Hingley	Marcus Leonard Walker
Sean Laurence Hodges	Phillippa Walter
Paul Hunt	Noel Kenneth Watson
Dallas Patricia Jellyman	Paul Grant Watson
Michael Scott Johnston	Zane James Wealleans
Ian Richard Jones	Darryl Craig West
Brian Michael Kirby	Simon Andrew West
Robert Stuart Kirton	Linda Mary White
Craig John Kusabs	Ian William Sumner Whitehouse
Liauw Chen Tje Min	

DIPLOMA IN APPLIED SCIENCE

Rodney Milton David Jones, in Water Resources
Geoffrey Roy Maggs, in Water Resources

SCHOOL OF COMPUTING AND MATHEMATICAL SCIENCES

BACHELOR OF COMPUTING AND MATHEMATICAL SCIENCES

Graham John Duggan, with Second Class Honours (Second Division)
Peter Gordon Thomas, with First Class Honours

At the University of Waikato Council Meeting held on 22 June 1988, the following degrees were conferred and certificate awarded:

WAIKATO COLLEGE OF TEACHER EDUCATION

MASTER OF EDUCATION

Foong Har Soong, with Second Class Honours (First Division) in Education (one paper in Psychology)

CENTRE FOR CONTINUING EDUCATION

CERTIFICATE IN CONTINUING EDUCATION

Mary Stephanie Doyle

SCHOOL OF HUMANITIES

MASTER OF ARTS

James William Ben Flavell, in Maori

SCHOOL OF SOCIAL SCIENCES

MASTER OF PHILOSOPHY

Zhang Beihua BA *Hebei*

*Thesis: Sino—New Zealand Relations:
Political, Economic and Cultural Development to the 1980s*

MASTER OF SOCIAL SCIENCES

Mary-Anne Bailey Dehar, with First Class Honours in Psychology

SCHOOL OF SCIENCE

DOCTOR OF PHILOSOPHY

Monika Alice Maria Marte MSc *Innsbruck*

Thesis: Generation and Application of Squeezed Light

George Paul Miller MSc *Waikato*

Thesis: An Experimental Study of the State of Equilibrium in an Inductively-Coupled Plasma Torch

MASTER OF SCIENCE

Tracey Leigh Neal, with Second Class Honours (Second Division) in Biological Sciences (one paper in Chemistry)
Wayne Martin Sheddan, in Physics
Clifton Roberts Tilly, in Earth Sciences (posthumously)

At the University of Waikato Council Meeting held on 26 October 1988, the following degrees were conferred:

SCHOOL OF MANAGEMENT STUDIES

BACHELOR OF MANAGEMENT STUDIES

Peter Matthew Granville
Cindy Louise Kay

SCHOOL OF SOCIAL SCIENCES

MASTER OF PHILOSOPHY

Abdul Hafeez BA BEd MSc *Punj*
Thesis: Southeast Asian Refugee Settlement in New Zealand

MASTER OF SOCIAL SCIENCES

Frederick Chi-Kang Tiong, in Sociology

SCHOOL OF SCIENCE

DOCTOR OF PHILOSOPHY

Alister Tukauru Jones BSc *Otago* MSc *Waikato*
Thesis: Classroom Perceptions of Physics and the Introduction of Technological Applications

MASTER OF SCIENCE

Geoffrey John Brown, with Second Class Honours (First Division) in Physics (two papers in Computer Science)

At the University of Waikato Council Meeting held on 23 November 1988, the following degrees were conferred:

SCHOOL OF SCIENCE

DOCTOR OF PHILOSOPHY

Margaret Kay Etheredge BSc *Cant* MSc *Waikato*
Thesis: The Phytoplankton Communities of Nine Lakes, Waikato, New Zealand: a Comparative Study of Floristics, Seasonal Dynamics and the Influence of Herbivory

MASTER OF SCIENCE

David Campbell Murray, with First Class Honours in Physics (one paper in Computer Science)

At a ceremony held at Turangawaewae Marae on 8 April 1989, the Certificate in Maori Studies was awarded to the following candidates:

Teiria Anderson-Holden	Yvonne Wiki Mita
Dinah Whanautahurirua Brown	Queenie Mitai
Georgina Kuiarau Carr	Winsome Lillian Mitchell
Waka Coffin	Petera Rowley Motutere
Nehumoana Ben Gage	John Hepa Makimou Paitai
Riria Harrison	Douglas Keefe Putaranui
Raylene Joy Harvey	Tukemata Rauputu
Paul Samuel Ngatai Howe	Paul Stanley Ryan
Kate (Keita) Hudson	Hapi Tai Rakena
Tanis Eris Kara	Te Aroha Tai-Rakena
Reen Katipa	Marleina Rachel Hinekahukura Te Kanawa
Dinan Makau Koopu	Hoana Hokimate Terry
Hine Ewhi Kora	Weka Totorewa
Andrew John Larsen	Shirley Maureen Tuteao
Shaun Clinton Magner	Heremaia Warren
Bettina Taumau Maxwell	Zena Patricia Warren
John Turi Maxwell	Roimata Norma Wipaki
Aroha Ann McCormack	

MAORI CHANT — TERA IA

This traditional song was composed, initially, to pay the respects of the students to the tribe in whose territory they reside, to introduce themselves to tribes outside of Waikato and to teach the students something of the history of the Waikato people. A shorter version was first composed for the field trip into Tuhoe territory in the year 1976, but this particular version was composed in 1977 and was first publicly performed on the marae of Kai-a-te-mata, in the territory of Ngati Haua. The occasion was a field trip by the students. This is the waiata with which Te Whare Wānanga o Waikato troupe won the traditional item section at the New Zealand Polynesian Festival held in Wellington in February 1979.

Yonder stands Taupiri mountain,
Located in the Waikato Basin
At the base of the Hunua Range.
I branch off to the marae of Tauranga nui, Te Awa-marahi and Nga Tai E Rua
I then head southwards to the territory of Te Pou o Mangatawhiri,
To Raungawari, original site of the house of Tane-i-te-pupuke,
And on to Horahora, Maurea and Rangiriri
Where the Kingitanga was fiercely contested
I now arrive at the marae of Hukanui, Te Ohaki, Kaitimu
And Waahi, residence of the paramount chieftainess.
I climb Taupiri, resting-place of the prestigious and the awesome,
And cast my glance eastwards to the territory of Ngati Haua
To the descendants of Tarapipipi residing at the marae of Kai-a-te-mata and Rukumoana
To the north of them are Marutuahu (Ngati Maru) and Ngati Paoa
And residing at the marae of Te Pai o Hauraki are Tama-te-ra
I trip over the hills to Maungatautari, to Kemureti,
To the wash-bowl of sorrow of my ancestor, Tawhiao.
At Orakau I weep for the noble blood of my ancestors, spilt here
Before speeding on to Pirongia, to Arekahanara,
The horn of strength of Tawhiao
I then soar on to the sea of Kawhia
To Kawhia of abundant food, to Kawhia of many people
To the place where the canoe Tainui is at rest.
Further south is Rotorua-nui-a-Kahu
And the tribe of Pikiao,
From whom the male line of the Kingitanga traces its descent.
I, then, turn to the mountain of Tongariro
To the territory of Te Heuheu
To the lake of Taupo-nui-a-Tia,
The source of my river, Waikato.
I now retrace my journey to the territory of Ngati Hourua to Whatawhata,
I travel down the current of Waipa before entering into the charismatic waters of my ancestors
About which it is said,
Waikato of a hundred monsters; at each bend a monster; at each bend a monster.
And so I make my landfall at Turangawaewae,
The most famous marae in the land.
This is Te Whare Wananga o Waikato paying its respects to you,
To my many rangatira, who are honouring us, the descendants of the area,
Of Tamaki in the north, Mokau in the south,
And Mangatoatoa, in the centre,
Aue! aue! aue! ha!