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# THE UNIVERSITY OF WAIKATO



# TE WHARE WĀNANGA O WAIKATO

# GRADUATION



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1995

**THE UNIVERSITY OF WAIKATO**

**TE WHARE WĀNANGA O WAIKATO**

# **GRADUATION**

*Thursday 23 February 1995*

*Friday 24 February 1995*

*On-Campus*

**THE UNIVERSITY OF WAIKATO**

**TE WHARE WĀNANGA O WAIKATO**

# **GRADUATION**

*Thursday 23 February, 1995*

*Te Kohinga Marama Marae*

# ORDER OF PROCEEDINGS

Powhiri

The Assembly is requested to stand for the graduands' procession.

The Chancellor, Mr G.D.G. Bailey LLB *Cant*, will open the proceedings.

The Vice-Chancellor, Professor B.C. Gould BA, LLM *Auck*, MA, BCL *Oxon*,  
will address the Assembly.

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:

*Principal and Dean of Education:*

Professor N. Alcorn BA *Well* MA *Cant* PhD *Calif* DipEd *Massey* DipT

*Dean of Social Sciences:*

Professor P.G. Koopman-Boyden MA DipEd *Massey*

*Dean of Humanities:*

Professor P.H. Oettli BA *NZ* MA PhD *Auck*

*The Ecumenical Campus Chaplain is:*

The Rev. L. Cumberpatch BA *Auck* LTh

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

Refreshments will be served on the lawn.

## **SCHOOL OF EDUCATION**

### **BACHELOR OF EDUCATION**

Karen Joy O'Neill  
Whakarongo Tauranga  
Roma Annabelle Waugh  
Thomas Stewart John Wilson

### **DIPLOMA OF TEACHING**

*A three year programme for Primary Teaching*

Sharon Lee Campbell  
Lane Phillip Gurnick  
Marina Monehu Hireme

Titihuia Cherry Rewita  
Whakarongo Tauranga  
Hiria Celia TeMoana

## **SCHOOL OF SOCIAL SCIENCES**

### **MASTER OF SOCIAL SCIENCES**

Suzanne Kaye Ellis  
Jocelyn Leslie Gibson with First Class Honours

### **BACHELOR OF SOCIAL SCIENCES**

Craig Peter Burrows  
Lane Phillip Gurnick  
Teena Kiriama Kashi Jaram

Roberta Ann Maxwell  
Adrian Rhys Poa

## **SCHOOL OF HUMANITIES**

### **BACHELOR OF ARTS**

Rangi Liahona Moleni

# **SCHOOL OF HUMANITIES**

## **UNITECH CERTIFICATE (WOMEN'S STUDIES)**

*In Partnership with Tairāwhiti Polytechnic*

Jocelyn Marie Jacobs

## **CERTIFICATE IN MĀORI STUDIES**

Gloria Tuahinekore Ahipene  
Charlotte Joy Baldwin  
Christine Anne Kahutaua Barclay  
Joycelyn Frances Gamby  
Josephine Te Urupiu Green  
Hiraina Ngatima Hona  
Manu Patricia Ranui

Diana Ann Shepherd  
Iris Te Rohu Te Karapu Thomas  
Ramon Tito  
Pamela Liza Narangi Toko  
Amiria Tomoana  
Jeremy Vernon Wichman

**THE UNIVERSITY OF WAIKATO**

**TE WHARE WĀNANGA O WAIKATO**

# **GRADUATION**

*Friday 24 February 1995*

**ON CAMPUS**

# ORDER OF PROCEEDINGS

## 11.30 am

The Assembly is requested to stand as the Academic Procession approaches the venue, and to remain standing for the playing and singing of the New Zealand National Anthem. This will be sung twice, the second time in Māori (see page 19).

The Chancellor, Mr G.D.G. Bailey LLB *Cant*, will open the proceedings.

The Vice-Chancellor, Professor Bryan Charles Gould BA, LLM(*Auck.*), MA, BCL (*Oxon*), will address the Assembly.

The Deans will present to the Chancellor for the conferment of their degrees and the award of their diplomas and certificates, the graduands from the School of Management Studies, the School of Education, the School of Science and Technology, the School of Computing and Mathematical Sciences and the School of Humanities.

*Dean of Management Studies:*

Professor M.J. Pratt BA *Sheff* MCom *Witw* DCom SA ACA FCA

*Principal and Dean of Education:*

Professor N. Alcorn BA *Well* MA *Cant* PhD *Calif* DipEd *Massey* DipT

*Dean of Science and Technology:*

Professor K.M. Mackay BSc *Aberd* PhD *Camb* FRSC FNZIC

*Dean of Computing and Mathematical Sciences:*

Professor I.D. Graham BSc *Lond* PhD *Camb* MNZCS

*Dean of Humanities:*

Professor P.H. Oettli BA *NZ* MA PhD *Auck*

***The Student Speaker for the ceremony is:***

Neil Harnisch

*The Ecumenical Campus Chaplain is:*

The Rev. L. Cumberpatch BA *Auck* LTh

The Assembly will stand to sing "Gaudeamus".

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

Refreshments will be served on the lawn outside Oranga after the ceremony.



# SCHOOL OF MANAGEMENT STUDIES

## DOCTOR OF PHILOSOPHY

Delwyn Nancy Clark BSc *Auck BMS Waikato*  
*Thesis: The Role of MS/OR in Strategic Management:  
A NZ/UK Comparative Evaluation*

## MASTER OF MANAGEMENT STUDIES

Rebecca Catharina Benedicta Maria Bergs with Distinction  
Peter John McLeod Gourdie with Distinction  
William John Grant  
Sarah Ann Hagan  
Neil Peter Harnisch with Distinction  
Marius Pratiknjo  
Susan Elizabeth Ratcliffe with Distinction  
Lloyd Easter Foua Togia  
Paul Kaye Wells

## BACHELOR OF MANAGEMENT STUDIES

*Candidates Awarded the Degree with Honours*

Justin Ian August with First Class Honours  
Alistair John Coles with Second Class Honours (First Division)  
William Brian Michael Hale with First Class Honours  
Jason David Peter Hill with Second Class Honours (Second Division)  
Denise Ann Kallu with Second Class Honours (Second Division)  
Jeremy Paul Muys with First Class Honours  
Donna Liane Neal with Second Class Honours (First Division)  
Graeme David O'Connor with Second Class Honours (First Division)  
Richard Andrew Over with Second Class Honours (First Division)  
Robyn Margaret Shute with First Class Honours  
Scott Richard Waugh with Second Class Honours (First Division)

## BACHELOR OF MANAGEMENT STUDIES

Daryl Robert Buyn	Paul David Colin McCathie
Carl Julian Davey	Christopher Michael Noakes
Sharron Anne Forbes	Sinaroseta Palamo
Vaughan Leman Floyd Greening	Hitesh Patel
Gary William Howe	Stephen James Shale
Kwok Fuk-Fu Joseph	Valerie Wooden

## **DIPLOMA IN COMMUNICATION**

William Wallace Cameron  
Marjorie Elizabeth Hanlon  
Yumin Song

## **DIPLOMA IN MANAGEMENT STUDIES**

David Bryce Cowley

## **DIPLOMA IN MANAGEMENT SYSTEMS**

Murray Keith Tracey

## **DIPLOMA IN MARKETING**

Erin Alana Leigh  
Susan Jane Strawbridge

## **SCHOOL OF EDUCATION**

### **MASTER OF EDUCATION**

Wayne Mervyn Forman  
Andrea Mary Rowe  
Gay Elizabeth Summers

### **BACHELOR OF EDUCATION**

Natasha Margeret Agnew  
Martin Dennis Anscombe  
Fiona Clare Asplin  
Kathleen Anne Margret Brown  
Robyn Elizabeth Brown  
Adam Charles Bruce  
Darryl Anthony Connelly  
Caitlin Margaret Feenstra  
Wendy Grace Foster  
Julian Dale Gilmore

Melissa Goudie  
Kathleen Mary Kneebone-Lampe  
Andrea Heather Martin  
Tamsin Jane Matthews  
Alistair Blair Paterson  
Celia Rosalind Risbridger  
Conrad James Smith  
Karin Elizabeth Spencer  
Nancy Greta Wilcock

## **DIPLOMA IN EDUCATIONAL STUDIES**

Alice Joanne Gaastra

## **ADVANCED DIPLOMA OF TEACHING**

Winnie Matiri Emery

## **HIGHER DIPLOMA OF TEACHING**

Shirley Janine Harvey  
Tangi Te Mapu Colin Maihi

Melissa Merania Palmer  
Todd Raymond Sheridan

## **DIPLOMA OF TEACHING**

*A three year programme for Early Childhood Care and Education*

Kathleen Anne Margret Brown

## **DIPLOMA OF TEACHING**

*A three year programme for Primary Teaching*

Coleen Marie Allison  
Roy Quenten Browne  
Bronwyn Anne Clarke  
Darryl Anthony Connelly  
Andrew Laing Duncan  
Nicola Fletcher  
Marlene Raima Harvey  
Daryl Matthew Healy  
Irene Paretuhua Henry  
Sheryl Debra Hewitson

Josephine Anne Holden  
Janice Valerie Horne  
Nicola Gerardine Hudson  
Karri-Ann Alisa Jones  
Maree Jennifer Knudsen  
Alison Margaret Lynch  
KiriKaiahi Pauline Mahutárika  
Jan Louie Nicklin  
Blaine Hare Rakena  
Roy Ketu Willison

## **DIPLOMA OF TEACHING**

*A five year graduate programme for Secondary Teaching*

Julian Dale Gilmore

## **DIPLOMA OF TEACHING**

*A one year graduate programme for Secondary Teaching*

Bernard Joseph Bottrill  
Brian Patrick Dunning  
David Ross Grey Elder

Annette Audrey Fischer  
Tessa Jane McRae

## **CERTIFICATE IN BILINGUAL EDUCATION**

Hine Ki Hawaiki Ka Inanga Hira Tau Edward  
Pauline Mary Rukuwai

## **CERTIFICATE OF ATTAINMENT IN LAW RELATED EDUCATION**

Morris Lindsay Cheer

## **CERTIFICATE OF ATTAINMENT IN EDUCATIONAL SUPPORT**

Suzanne Lee Taylor

# SCHOOL OF SCIENCE AND TECHNOLOGY

## DOCTOR OF PHILOSOPHY

Niaz Al-Somai MSc *Waikato*

*Thesis:* 'Low Molecular Weight Cationic and Anionic Peptides from Macromolecular Aggregates in Bovine Seminal Plasma and Their Effects on Bull Sperm'

Andrew John Cameron Begg BSc BCom *Auck. Dip T*

*Thesis:* 'Professional Development of High School Mathematics Teachers'

Jennifer Lynne Elliott MSc *Waikato*

*Thesis:* Receptors for growth hormone and insulin-like growth factors in cartilage using antler as a model for bone growth

Warren James Grigsby BSc *Waikato* MSc *Waikato*

*Thesis:* Applications of o-organomanganese Compounds in the Synthesis of Potential Antitumour Agents

## MASTER OF PHILOSOPHY

Dawn Joanne Willix-Payne MSc (Tech) *Waikato*

*Thesis:* 'Improvements to the Process for the Production of Casein Phosphopeptides'

## MASTER OF SCIENCE

Thomas Matthew Cocker with First Class Honours  
Ella Ruth Dewes with Second Class Honours (Second Division)  
Tracy Frangos with Second Class Honours (Second Division)  
Stefan James Hill  
Karen Ann Murphy with Second Class Honours (Second Division)  
Gina Diane Nicholas with First Class Honours  
Brian John Warburton with Second Class Honours (First Division)

## **BACHELOR OF SCIENCE (TECHNOLOGY)**

Ian Donald Parsons  
Antony John Wright

## **BACHELOR OF SCIENCE**

Brent Wayne Abrahams  
Nichola Gwendaline Baker  
Melissa May Barnes  
Sasha Dell Joanne Blair  
David William Bocock  
Marianne Geertruida Boddendijk

Rosanne Jane Ellis  
Heather Hesterman  
James Clark Knightly  
Viktoria Patricia Kupka  
Vijendra Vijay Lal  
Jared James Rigg

## **SCHOOL OF COMPUTING & MATHEMATICAL SCIENCES**

### **MASTER OF COMPUTING & MATHEMATICAL SCIENCES**

Andrew Peter van Dolleweerd

### **BACHELOR OF COMPUTING & MATHEMATICAL SCIENCES**

David John Annabell with Second Class Honours (Second Division)  
Michelle Bowden with Third Class Honours  
Chung King Chan with Second Class Honours (Second Division)  
Craig George Cockerton with Second Class Honours (First Division)  
Vaughan Hostler with Second Class Honours (Second Division)  
Ruben Mariano Huerta  
Raylene Carey Jellyman

## **BACHELOR OF SCIENCE**

Yuen Shan Chow  
Qun Le

Sheree Jane Phillips  
Chin Ching Tan

# **SCHOOL OF HUMANITIES**

## **UNITECH CERTIFICATE (COMMUNITY & SOCIAL WORK)** *In Partnership with the Bay of Plenty Polytechnic*

Robyn Lee Prole

## **UNITECH CERTIFICATE (LEISURE AND SPORT)** *In Partnership with the Bay of Plenty Polytechnic*

Wendy Priscilla Jean Keenan  
Stephen Barry Smales

## **UNITECH CERTIFICATE (TE WHAKAMANA TANGATA)** *In Partnership with the Northland Polytechnic*

Mihiora Maryanne Harema

## **UNITECH CERTIFICATE (LEISURE AND SPORT)** *In Partnership with the Taranaki Polytechnic*

Melanie Ann Lynskey

## **UNITECH CERTIFICATE (WOMEN'S STUDIES)** *In Partnership with the Waiariki Polytechnic*

Parekawa Galvin

## **UNITECH CERTIFICATE (LEISURE AND SPORT)** *In Partnership with the Waikato Polytechnic*

Michael John Hodges  
Peter Michael Wardill

## **UNITECH CERTIFICATE (COMMUNITY & SOCIAL WORK)** *In Partnership with the Waikato Polytechnic*

Peter Raymond Calvert

# ORDER OF PROCEEDINGS

## 1.30 pm

The Assembly is requested to stand as the Academic Procession approaches the venue, and to remain standing for the playing and singing of the New Zealand National Anthem. This will be sung twice, the second time in Māori (see page 19).

The Chancellor, Mr G.D.G. Bailey LLB *Cant*, will open the proceedings.

The Vice-Chancellor, Professor Bryan Charles Gould BA, LLM(*Auck.*), MA, BCL (*Oxon*), will address the Assembly.

The Deans will present to the Chancellor for the conferment of their degrees and the award of their diplomas and certificates, the graduands from the School of Social Sciences and the School of Humanities

### *Dean of Social Sciences*

Professor P.G. Koopman-Boyden MA DipEd *Massey*

### *Dean of Humanities*

Professor P.H. Oettli BA NZ MA PhD *Auck*

### *The Student Speakers for the ceremony are:*

Marie Connelly (Social Sciences)  
Cecelia Grant (Humanities)

### *The Ecumenical Campus Chaplain is:*

The Rev. L. Cumberpatch BA *Auck* LTh

The Assembly will stand to sing "Gaudeamus".

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

Refreshments will be served on the lawn outside Oranga after the ceremony.

# SCHOOL OF SOCIAL SCIENCES

## MASTER OF SOCIAL SCIENCES

Sheila Mary Bagby with First Class Honours  
Dorothy Joan Campbell with First Class Honours  
Jacqueline Jane Day  
Carolyn Ngaire Dewe with First Class Honours  
Rachael Clare Kibby with Second Class Honours (First Division)  
Jane Seymour Nolan with Second Class Honours (First Division)

## BACHELOR OF SOCIAL SCIENCES

Peggy Aerts	Kenneth Samuel Harry
Jenni Gay Aukett	Magdalen Hope
Beth Bem-Mitchell	Eileen Louise Irving
Susan Melinda Boulton	Mumtaz Begum Jacub
Leanne Margaret Brennan	Denise Anne Jensen
Jennifer Sylvia Bryant	Vaughan James Johnstone
Geoffrey David Buchan	Donna Maree Kenny
Shelley Maree Bunting	Clare Frances Kerrison
Jills Helen Angus Burney	Benjamin King
Grant Robert Cawley	Yvonne Marie Lambert-Smith
Kate Ellen Charteris	Marianne Lammers
Andrew Brian Chrystall	Ket Sim Lau
Fiona Mary Conlon	Nadine Tui Metzger
Lynette Anne Connelly	Louise Annette Owen
Marie Leona Connelly	Linda Rowanne Peace
Janine Louise Cornor	Natasha Anwyl Petrie
Paula Christine Cox	Sandra Marie Phelps
Timothy Claude Crook	Zara Liahona Ploeg
Helen Jean de Barry	Rebekah Janet Pratt
Jesabelle Earnshaw	Jillian Mary Reichenbach
Anthony Simon Elson	Annemarie Renaud
Carole Gay Fairley	Sandra Margaret Ruru
Rachel Audrey Fellows	Nicola Kaye Rusk
Yvonne Irene Feuerstein	Susan Leigh Ryan
Claire Lynette Foster	Davin Leigh Scampton
Allison Jane Galloway	Tania Larainne Smith
Ingrid Green	Vicki Jane Soanes
Ingrid Marama Greenslade	Sarah Michèle Stroud
Paul Gerard Hamilton	Antony Brent Urwin
Tania Suzanne Handcock	Jocelyn Anne Voyle
Kaine Robert Hansen	Sharon Shirley Wahapu
Denise Harding	Juanna Wai Ling Wong

## DIPLOMA IN PSYCHOLOGY (COMMUNITY)

Jennifer Claire Bowker



# **SCHOOL OF HUMANITIES**

## **MASTER OF ARTS**

Aileen Ann Cecelia Grant with Second Class Honours (First Division)  
Fiona Mary Griffith with First Class Honours

## **BACHELOR OF ARTS**

Shona Doreen Aveyard  
Christine Rae Baillie  
Paula Anne Banks  
Helen Marie Brunner  
Beate Dix  
Marie Anne Englebretsen  
Fiona Kim Gray  
Kirstyn Leigh Kelly  
Angus Hikairo Macfarlane

Richard Bruce Marshall  
Sandra Lorraine McDonald  
Edward John Morris  
Lee Kenny Oden-Walder  
Ian Craig Potter  
Ivan Charles Smith  
Timothy Dean Strawbridge  
Ainsley Katharine Welsh

## **DIPLOMA IN FILM AND TELEVISION STUDIES**

Paula Dian Mary Allen  
Nopparat Nakruang

## **CERTIFICATE IN GENERAL STUDIES**

Margaret Elizabeth Burch  
Leonard Margolin  
Cedric Lansdell Purdie

# **LANGUAGE INSTITUTE**

## **MASTER OF ARTS (APPLIED)**

Ross Raymond Currie with First Class Honours  
Tuang Tuangthong with Second Class Honours (First Division)

## **DIPLOMA IN SECOND LANGUAGE TEACHING**

Rosalind Diane Bull  
Pamela Ruth Kemsley

## **CERTIFICATE OF ATTAINMENT IN ENGLISH STRUCTURE AND USE**

Lee Fu-Ping

# ORDER OF PROCEEDINGS

3.30 pm

## School of Law Graduation Ceremony

The Assembly is requested to stand as the Academic Procession approaches the venue, and to remain standing for the playing and singing of the New Zealand National Anthem. This will be sung twice, the second time in Māori (see page 19).

The Chancellor, Mr G.D.G. Bailey LLB *Cant*, will open the proceedings.

Guest Speaker

Vice-Chancellor of the University of Waikato  
The Vice-Chancellor, Professor B.C. Gould BA, LLM *Auck*, MA, BCL *Oxon*,  
will address the Assembly.

Dean Margaret Mulgan will present to the Chancellor for the conferment of their degrees the graduands from the School of Law

*The Student Speakers for the ceremony are:*

Julie Hardaker  
Jacqueline Haapu

Chancellor's closing remarks

The Assembly will stand to sing "Gaudeamus".

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

Refreshments will be served on the lawn outside Oranga after the ceremony.

# SCHOOL OF LAW

## BACHELOR OF LAWS AND ARTS

Donna Marie Llewellyn  
Caroline Susan Todd

## BACHELOR OF LAWS AND SOCIAL SCIENCES

Meredith Manaki Ruru

## BACHELOR OF LAWS

Kim Joanne Alford  
Deborah Jane Andersen  
Vaughan Kendal Baker  
Cara Diana Bennett  
Nicola Maree Browne  
Victoria Saffron Coombes  
Virginia Tracy Coubrough  
Fiona Joyce Davies  
Rachel Amanda Davies  
Andrea Jane Dawe  
Shane Michael Deegan  
Bridget Dorothy Dixon  
Toni Maree Dodd  
Karen Ann Dunbar  
Marc David Figgins  
Deborah Margaret Forster-Pratt  
Paulette Joyce Goddard  
Susan Anne Grange  
Jacqueline Julia Haapu  
Julie Marguerite Hardaker with First Class Honours  
Denise Harding  
Bruce James Hesketh  
Dorothy Veronica Alston Jacobsen  
Amanda Catherine Johns  
Ishmael Lomani Kalsakau

Joanne Llana Kerry  
Dean Nathaniel Kershaw  
Marianne Mackintosh  
Brenda Ann Mailman  
Robert Austin Makgill  
Andrew Gordon McGee  
Paula Therese O'Sullivan  
Phillida Jane Perry  
Nicola Jane Purvis with First Class Honours  
Susan Ann Rutherford  
Anna Maria Rutten  
Sarah Christine Shannon  
Neil Donovan Shaw  
Abhay Kumar Singh  
Scott Parnell Spackman  
Paula Gerardine Sullivan  
Shane Tait  
Douglas Grant Tennent  
Jon-William Timakata  
Justina Mary Timmo  
Michelle Anne Tindall with First Class Honours  
Alison Jane Torrens with First Class Honours  
Kerry Lee Tustin  
Paul Andrew Yates

## “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 freeland.

Guard Pacific's triple star,  
From the shafts of strife and war;  
Make her praises heard afar,  
God defend New Zealand.

E Ihowa, Atua  
O Nga Iwi O te Ao  
Ata whakarongona;  
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 jocundam juventutem,  
Post molestam 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.

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

Music by: *WAIKATO TIMES HAMILTON BRASS*

Conductor: *IAN LEVIEN*

**DEGREES/DIPLOMAS/CERTIFICATES  
CONFERRED/AWARDED AT  
OTHER CEREMONIES**

**At the University of Waikato Council Meeting held on  
6 July 1994, the following degrees/diplomas/certificates  
were conferred/awarded:**

**SCHOOL OF MANAGEMENT STUDIES**

**MASTER OF MANAGEMENT STUDIES**

Li Bing  
Albert Lee Seng Teng  
Catharine Aline Marie Menzies

**BACHELOR OF MANAGEMENT STUDIES WITH HONOURS**

Stephen Charles Bruce with Second Class Honours (Second Division)

**BACHELOR OF MANAGEMENT STUDIES**

Donald Jack Klassen  
Kelly Scott Logan  
Deborah Louise O'Leary

**DIPLOMA IN ECONOMICS**

Robert Michael John Nesbit-Savage  
Pitaya Singhsanga

**DIPLOMA IN MANAGEMENT**

Anthony Paul Bradley

**DIPLOMA IN MARKETING**

Kimberley-anne Pepper

## **SCHOOL OF SOCIAL SCIENCES**

### **MASTER OF SOCIAL SCIENCES**

Alison Jane Beardsmore with First Class Honours  
Ian Philip Cooper with First Class Honours  
Carolyn Michelle with First Class Honours  
Katrina Roen with First Class Honours  
Mark Irwin Acheson Smith with Second Class Honours (First Division)

### **BACHELOR OF SOCIAL SCIENCES WITH HONOURS**

Shane Alan Stuart with First Class Honours

### **BACHELOR OF SOCIAL SCIENCES**

Tracy Margaret Bramwell-Cadman  
Dianne Maree Breeze  
Helen Johannah Gaustad  
Jason Paul Hannett  
Tracy Anne Williams

## **SCHOOL OF SCIENCE AND TECHNOLOGY**

### **DOCTOR OF PHILOSOPHY**

Janine Margaret Cooney BSc *Waikato* MSc *Waikato*

*Thesis:* Preparation and Reactions of Some Organic Derivatives of Manganese Carbonyl Compounds.

Robert Starr Ronimus BA *Calf* MSc *Waikato*

*Thesis:* Investigation into the Control of Genome Topology in the Archaeal Isolate ANI

### **MASTER OF SCIENCE**

Nicole Ann More with First Class Honours  
John Stuart Peake

## **DIPLOMA IN APPLIED SCIENCE**

Chitranjan Sinha  
Yan Sun  
Robin Garin Totome

## **POST GRADUATE DIPLOMA IN MATHEMATICS EDUCATION**

Francis Anthony Davies

## **SCHOOL OF COMPUTING AND MATHEMATICAL SCIENCES**

### **MASTER OF COMPUTING AND MATHEMATICAL SCIENCES**

Raymond Ian Sellars

## **SCHOOL OF EDUCATION**

### **MASTER OF EDUCATION**

José Deborah Barnes with Second Class Honours (First Division)  
John Albert Carr with Second Class Honours (First Division)

### **BACHELOR OF EDUCATION**

Numia Kiikoro-Nooroa  
Kenneth Donald Mustard

### **ADVANCED DIPLOMA OF TEACHING**

Brian Richard Tuffey

### **HIGHER DIPLOMA OF TEACHING**

Lois Amy Flannagan  
James Murdoch Hope

Bernard Leslie Peterson  
Gail Peterson

### **DIPLOMA OF TEACHING (SECONDARY SCHOOL TEACHING)**

Jason William Smithies  
Sarah Eleanor Tritt

## **DIPLOMA OF TEACHING (PRIMARY SCHOOL TEACHING)**

Allyson Margaret Glass  
Vivian Ihenga Para Meha  
Angaleen Paladin  
Christine Myrtle Shroff

Marie Teremai Te Huia  
Natasha Marie Tong  
Louise Dawn Wilkinson

## **DIPLOMA OF TEACHING (EARLY CHILDHOOD)**

Nicola Odette Austin

## **CERTIFICATE OF ATTAINMENT IN LAW RELATED EDUCATION FOR POLICE EDUCATION OFFICERS**

Nolene Patricia McMaster

## **CERTIFICATE IN BILINGUAL EDUCATION**

Desray Anne Hustler  
Barney Michael Maketu Manaia

Aramoana Hayley Mohi  
Tini Tamati

## **CERTIFICATE IN CONTINUING EDUCATION**

Joy Unity Sylvia

## **SCHOOL OF HUMANITIES**

### **MASTER OF ARTS**

Dean Robert Kirby with First Class Honours  
Poia Patrick Rewi with Second Class Honours (First Division)

### **MASTER OF ARTS (APPLIED)**

Xu Xiao-Wei with Second Class Honours (Second Division)

### **BACHELOR OF ARTS WITH HONOURS**

Linda Anne Jeffrey with Second Class Honours (First Division)  
Susan Madeline McGoverne with Second Class Honours (Second Division)  
Matthew John Revell with Third Class Honours  
Dean Taylor Stout with First Class Honours



**BACHELOR OF ARTS**

Claire Ashton  
Simon Alexander Gardiner

Janice Mary Lindsay

**DIPLOMA IN DEFENCE STUDIES**

Kevin Anthony Raymond Ashcroft

**DIPLOMA IN SECOND LANGUAGE TEACHING**

Catherine Jane Fraser

**CERTIFICATE IN MĀORI STUDIES**

Atawhai Kohu  
Harry Koroneho

**UNITECH CERTIFICATE (COMMUNITY AND SOCIAL WORK)**

Marilyn Jill Gera

**UNITECH CERTIFICATE (LEISURE & SPORT)**

Grainger John Heikell  
Jonathan Craig Taylor

Penelope Jane Will

**UNITECH CERTIFICATE (TOHU WHAKAMANA TANGATA)**

Lynette Frances Connon  
Pamela Ailsa Robinson

Lesley-Anne Simkiss

**At the University of Waikato Graduation Ceremony held on 16 July 1994 in Suva, Fiji  
the following degrees were conferred**

**SCHOOL OF SOCIAL SCIENCES**

**BACHELOR OF SOCIAL SCIENCES**

Filipe Bole Nagera

## **SCHOOL OF SCIENCE AND TECHNOLOGY**

### **BACHELOR OF SCIENCE**

Malakai Taukalamaki

**At the University of Waikato Council Meeting held on  
28 September 1994, the following degrees/diplomas/certificates  
were conferred/awarded:**

## **SCHOOL OF MANAGEMENT STUDIES**

### **BACHELOR OF MANAGEMENT STUDIES**

Sara May Frances  
Bronwen Leigh Haines  
Matthew Charles Hamlin

Hamish Robert Oliver  
Scott Robertson Taylor  
Richard Anthony Yelash

## **SCHOOL OF SOCIAL SCIENCES**

### **MASTER OF SOCIAL SCIENCES**

Madeleine Alderton with First Class Honours  
Michael Neil Fleming with First Class Honours  
Natalie Olivia Jackson with First Class Honours  
Aksel Bech Jepsen  
Jennifer Leigh with First Class Honours  
Nancy Jean Webb with First Class Honours

### **BACHELOR OF SOCIAL SCIENCES WITH HONOURS**

Shelley Janet Coradine with Second Class Honours (Second Division)  
Ruth May Fairhall with First Class Honours

### **BACHELOR OF SOCIAL SCIENCES**

Rachael Eleanor Bremner  
Christine Kay Edmond  
Rachel Jane Haywood

Melanie Jane Reid  
Erin Ngahuia Sykes

### **DIPLOMA IN PSYCHOLOGY (COMMUNITY)**

Michael Brock Blewden with Distinction

**SCHOOL OF SCIENCE AND TECHNOLOGY**  
**MASTER OF SCIENCE (TECHNOLOGY)**

Anke Katherine Nieschmidt with First Class Honours

**MASTER OF SCIENCE**

Stuart William Gerritsen with Second Class Honours (Second Division)  
Adrian Scott Walcroft with First Class Honours

**SCHOOL OF EDUCATION**  
**BACHELOR OF EDUCATION**

Sarah Jane Hemi  
Jason Lee Love

**HIGHER DIPLOMA OF TEACHING**

July Matthews  
Te Whakaotinga Poa

**DIPLOMA OF TEACHING (PRIMARY SCHOOL TEACHING)**

Anne Agnes Ngarongoa Douglas  
Elvira Marijke Haringa  
Michael Lauren Manuel

Jilleen Isla Perrett  
Melissa Louise Watts  
Esther Carolina Johanna Weterings

**CERTIFICATE OF ATTAINMENT IN EDUCATIONAL SUPPORT**

Huatahi Doris Toruhaora Hira

**CERTIFICATE IN BILINGUAL EDUCATION**

Gladis Udine Hiko

## **SCHOOL OF HUMANITIES**

### **MASTER OF ARTS**

Peter John Nichols with First Class Honours

### **BACHELOR OF ARTS WITH HONOURS**

Robert David Gray with Second Class Honours (First Division)

### **BACHELOR OF ARTS**

James Scott Cooper  
Sam Faumui

Frauke Caroline Nieschmidt  
Thomas Petrus Vandenheuvel

### **CERTIFICATE IN GENERAL STUDIES**

Heather Sylvia Millar  
Timote Masima Vaioleti

### **CERTIFICATE IN MĀORI STUDIES**

Elizabeth Grace Houia  
David Nikka Te Pou

Mereana Titihuia Morgan

### **UNITECH CERTIFICATE (LEISURE & SPORT)**

Shane Micheal Bauer  
Justine Ann Chinnery  
Daryl Jack Otto Dunn  
Jeffrey John Evans  
Stephanie Alaine Jarratt

Guy Mokonuiarangi Kingi  
Rodney John Montford  
Antoinette Camille Robinson  
Robert Clarence Rogers

### **UNITECH CERTIFICATE (TOHU WHAKAMANA TANGATA)**

Angela Joy Ryken

**SCHOOL OF LAW**  
**BACHELOR OF LAWS**

Alastair Bruce McNeil

**LANGUAGE INSTITUTE**  
**MASTER OF ARTS (APPLIED)**

Gaylene Ann Devlin with First Class Honours  
Susan Linda Edwards with Second Class Honours (First Division)

**At a ceremony held at Hirangi Marae, Turangi on 29 October 1994, the following  
diplomas were awarded:**

**DIPLOMA OF TEACHING**  
*A Three Year Programme for Early Childhood Teaching*

Hinera Nola Biddle  
Grace Te Aputa Boyd  
Trevena Eruera  
Emily Ngaki Hakopa  
Phillomena Teuruhina Konui

Patricia Rosemary Marino  
Colleen Mary Morehu  
Lesley Kay Rameka  
Rosina Terese Ransfield  
Cecilia Huriana Te Rangi

## **BIOGRAPHICAL NOTES**

### **GRADUANDS TO DOCTORAL DEGREES**

#### **NIAZ AL-SOMAI**

##### **Admitted to the degree of Doctor of Philosophy (in Biological Sciences)**

Before commencing his “retraining” as a biochemist at the University of Waikato, Niaz Al-Somai had been working as a pharmacist in the United Arab Emirates and in the Army Medical Corps of his home country, Syria. For his MSc thesis he investigated the structure of the antibacterial peptides in the seminal plasma of bulls. He then went on to investigate, for his DPhil thesis, the relationship between these peptides and the components of seminal plasma that kill the sperm when semen is stored. His investigation revealed that the same peptides were involved in killing both bacteria and sperm, but the state of aggregation of these peptides into large complexes determined whether they are more damaging to bacteria or to sperm. The work was carried out in conjunction with the Livestock Improvement Corporation, and the understanding gained from the study will be of practical usefulness in the quest to prolong the life of sperm in semen processed and stored for artificial insemination of cattle.

#### **ANDREW JOHN CAMERON BEGG**

##### **Admitted to the degree of Doctor of Philosophy (in Mathematics Education)**

Andrew Begg qualified as a high school mathematics teacher in the 1960s and worked in high schools as a teacher, a head of department, a textbook writer, and an administrator. He then joined the Curriculum Development Division of the Department of Education where he had responsibility for high school mathematics. In 1989 he moved to the University of Waikato as a lecturer in mathematics education and started his research on the *Professional Development of High School Mathematics Teachers* which was motivated by a desire to understand some of the reasons why legislated change was not being implemented. His thesis argues that professional development needs to be ongoing and have a growth focus which builds on strengths and continually seeks improvement, rather than a stop-start model that focuses on imposed change or making up for deficits. Such a climate for change is likely to be more successful if the participants have control and responsibility for the process. Schools may need to plan for this development and upgrade the skills of those most likely to provide the leadership.

#### **WARREN GRIGSBY**

##### **Admitted to the degree of Doctor of Philosophy (in Chemistry)**

After completing his Master of Science degree with First Class Honours within one year instead of the normal two, Warren Grigsby went on to do his Doctor of Philosophy research on the use of manganese reagents in activating organic chemicals to new transformations. Warren was particularly interested in the application of this chemistry to drugs and much of his research centred on producing compounds of a type closely related to the drug *Tamoxifen*, which is widely used in the treatment of breast cancer. The use of manganese allowed structural variations not accessible by more traditional synthetic pathways. This resulted in extensive research findings publishable in international journals, to go along with his earlier publications from his Master of Science work. Since completing his degree, Warren has undertaken postdoctoral research at the University of California at Davis.

## **DELWYN CLARK**

### **Admitted to the degree of Doctor of Philosophy (in Management Systems)**

Delwyn Clark initially studied science at Auckland University and then worked as a secondary school teacher before moving into a water quality research position. Upon returning from overseas she studied for a BMS degree part-time at Waikato, obtained First Class Honours and decided to join the staff. Delwyn's thesis examined the role of Management Science/Operational Research (MS/OR) in Strategic Management using an empirical investigation of current practice. Focusing primarily on tool usage for a series of core strategic tasks, the multi-disciplinary research simultaneously identified the approaches used by practitioners in the MS/OR and Strategic Management disciplines; this enabled the MS/OR contribution to be evaluated in a strategic context. In addition, the research was comparative as the empirical study was replicated in both New Zealand and in the United Kingdom.

The thesis has provided an interesting set of cross-discipline findings, the first of which will appear in the *British Journal of the Operational Research Society* this year, along with some new theoretical developments.

## **JANINE COONEY**

### **Admitted to the degree of Doctor of Philosophy (in Chemistry)**

Janine Cooney completed her MSc with First Class Honours at Waikato University, doing research into the synthesis of chemicals in which the metal manganese is chemically bonded to carbon. Janine showed these "organomanganese" compounds had considerable potential in application to the synthesis of new organic chemicals not easily prepared by more conventional routes, and not surprisingly she chose to continue her research for her D Phil degree in this area. After a year's research, she took a 2-year break during which her son Mitchell was born, and then returned to complete her degree. Her research, some of which has already been reported in the international literature, was characterized not only by the enormous number of new compounds that she synthesised and their meticulously detailed spectral analysis, but also by the comprehensiveness of the survey of reaction types and reaction conditions she studied. Preparations of many important chemicals can now be carried out more efficiently and with a great deal more predictability as a result of Janine's research.

## **JENNY ELLIOTT**

### **Admitted to the degree of Doctor of Philosophy (in Biological Sciences)**

Jenny Elliott, after completing her MSc, worked at Ruakura on the growth factors controlling antler growth of deer. This research stimulated her to undertake her doctoral studies in this area. Jenny studied the localisation of specific receptors for the insulin-like growth factors and identified specific cell localisation for the different receptors in the growing antler tip. As well as monitoring changes in receptor capacity during antler development, the effects of mineralisation of the antler on receptors was determined. This work generated considerable scientific interest as it challenged the action of all insulin-like growth factors occurring through the same receptor.

## **ROBERT STARR RONIMUS**

### **Admitted to the degree of Doctor of Philosophy (in Biological Sciences)**

Ron Ronimus began his research on thermophilic enzymes which control the structure of DNA and completed an MSc (First Class). Ron continued his work on DNA topology systems in the Archaea in order to understand how organisms can carry out the delicate and precise molecular processing intrinsic to life at temperatures which are usually considered to prevent life occurring. Ron characterised a novel DNA binding protein and cloned and sequenced a gene encoding one subunit of this protein. Information gained from this sequence allowed him to investigate the evolutionary history of these important cellular proteins and found the first example of a histone-like protein in the Euryarchaeota. This has caused considerable interest as it supports the hypothesis that the Archaea, which constitute primitive organisms which most closely resemble the proposed progenitor, are more closely related to the Eucarya of which we are a member than to Bacteria which they morphologically resemble.