

Hui Whakapūmau Graduation Programme



Ōtautahi Christchurch, Ākuhata August 2026



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Gaudeamus
E Ihowā Atua | God Defend New Zealand



Nau mai, tauti mai | Welcome

Tēnā koutou e ngā kaihihihi tohu paetahi, tohu paerua, tohu kairangi hoki o Te Whare Wānanga o Waitaha. Nau mai, tauti mai ki te hāpori mātauranga o te whare wānanga nei.

Greetings to you, the recipients of certificates, diplomas and degrees from the University of Canterbury. Welcome to the community of scholars of this University.

To our graduates and whānau celebrating here with you at this graduation celebration, congratulations on your achievements. After years of hard work and dedication, you have earned your place on the graduation stage.

A graduation celebration is an important occasion, a significant milestone in your life and something you will look back on with pride in the years to come.

We hope your university education, along with the many experiences you have had and the networks you have developed, will open doors for you across Aotearoa New Zealand and around the world.

Graduation signifies your transition to the University of Canterbury's Alumni Community, a cohort of over 150,000 people living around the world, as well as our historical alumni of great innovators and history makers. Take your place amongst them and add to our great story, which began over 150 years ago.

We hope to see you back here at the University in the near future, whether it be further study, to engage with students through work experience opportunities or to work with researchers on new innovations and developments.

In our world of online connectivity, it has never been simpler to stay in touch, so please remember to share with us what is happening in your world.

Hon Amy Adams
Tumu Kaunihera | Chancellor



Te Ranga Āpiha Whare Wānanga University Officers and Structure

Tumu Kaunihera | Chancellor

Hon Amy Adams, LLB Hons (UC)

Tumu Tuarua Kaunihera | Pro-Chancellor

Hon Poto Williams, MBA (Southern Cross University)

Tumu Whakarae | Vice-Chancellor

Professor Cheryl de la Rey, PhD (Cape Town), MA (cum laude), BA Hons (cum laude), BA (Natal)

Pou Whakarae, Office of Treaty Partnership

Professor Te Maire Tau (Ngāi Tahu), PhD, MA, BA (UC)

Te Amorangi | Pro-Vice-Chancellor Pacific

Distinguished Professor Steven Ratuva, PhD (Sussex), MA (S. Pacific), BA (S. Pacific)

Tumu Tuarua Akoranga | Deputy Vice-Chancellor Academic

Professor Catherine Moran, PhD (UC), MSc, BSc (Western Ontario)

Tumu Tuarua Rangahau | Deputy Vice-Chancellor Research & Innovation

Professor Lucy Johnston, PhD (Bristol), MA Hons (Oxford), MSc (Staffordshire)

Pouroki | General Counsel and Registrar

Adela Kardos, LLB (Hons), BA (UC), CELTA (Cambridge)

Te Kaunihera o te Whare Wānanga o Waitaha | University Council

Graduates will be doffed at today's celebration by Tumu Kaunihera | Chancellor Hon Amy Adams, Chair of te Kaunihera o Te Whare Wānanga o Waitaha | University Council and the ceremonial head of the University. Similar to a board of directors, the Council is responsible for the governance of the University, including oversight of the institution's policy, degree, financial and capital matters. Membership of the Council is defined by the Education and Training Act, 2020.

Te Ohu Whakahaere Senior Leadership Team

Te Tumu Whakarae | Vice-Chancellor is employed by Council to run the University and is its Chief Executive Officer. The Vice-Chancellor is assisted by Te Ohu Whakahaere Senior Leadership Team, comprised of leaders from the University's faculties and major service units who are responsible for management of their areas and leadership of the University as a whole.

Te Poari Akoranga | Academic Board

The University's principal academic body, Poari Akoranga | Academic Board, coordinates the faculties and is responsible for advising the University Council on all academic matters. It has authority to make recommendations and reports on matters including research, courses of study, students, bursaries and scholarships, prizes and examinations.



Ngā Hātepe | Order of Proceedings

Tūrei 25 Ākuhata, Hui Whakapūmau i te ata
Tuesday 25 August, Morning Celebration

At approximately 9.45am the piper will herald the entry of the graduates
Please remain seated.

Piper: Graeme Bryce

Brief silence.

Fanfare (composed by Emeritus Professor John Ritchie)

Entry of the academic procession

Please stand.

Processional March: *Cantuariensium* – The University Song (composed by Dr J. C. Bradshaw, first Professor of Music).

Organist: Thomas Rainey

Please remain standing.

Whakatau (Welcome)

The whakatau recognises the place of Ngāi Tūāhuriri as mana whenua and Te Whare Wānanga o Waitaha | University of Canterbury's commitment to bicultural development.

Pao

A call of welcome by a Māori woman representing mana whenua. A representative group of graduates will proceed into the auditorium.

At the conclusion of the pao please be seated.

Mihi

A greeting by Pou Whakarae Professor Te Maire Tau or a representative on behalf of Te Whare Wānanga o Waitaha | University of Canterbury and Ngāi Tūāhuriri.

Waiata

A song, Manu tiria, concludes the Māori welcome (words in back of programme and on screen).

**Opening greeting by Tumu Kaunihera
Chancellor Hon Amy Adams**

Please stand and join in singing E Ihowā Atua – God Defend New Zealand.

Led by Kaitlyn Rodley and Lydia McCaul (words inside back cover and on screen).

**Tumu Kaunihera | Chancellor
Hon Amy Adams will open the proceedings.**

Tumu Kaunihera

Presentation of Graduates to the Chancellor

Te Kaunihera University Council

Executive Dean: Professor S. Sinha

Doctor of Engineering (honoris causa)

Oh Siew Nam

Te Kura Tāura UC Graduate School

Dean: Professor B. McNeill

Doctor of Philosophy and Postgraduate Diploma in Clinical Psychology

Holly Anne Richardson, in Psychology

Doctor of Philosophy

Imogen Marie Alderson, in Chemistry

Gboyega Stephen Awoku, in Biological Sciences

Mehdi Bashiri, in Civil Engineering

Alexis Caroline Blackie, in Chemistry

Ehsan Bojnordi, in Computer Science

Trudy Lena Caljé-Van Der Klei, in Bioengineering

Rafaella Elisa Canessa Figueroa, in Renewable
Energy Engineering

Xiaoxiao Chen, in Psychology

Lev Chernyshev, in Mechanical Engineering

Nicolas Allister Cairns Davey, in Bioengineering

Phillip James Steven Duncan-Gelder, in Medical
Physics

Augustus William Ellerm, in Computer Science

Mohammad Eskandarighadi, in Civil
Engineering

Rosemary Wren Alisdair Findlay, in Mathematics

Jia Hao Foong, in Speech and Language
Sciences

Tara Aubrey Forstner, in Water Resource
Management

Moeen Gholami, in Civil Engineering

Anthony John Gillis, in Biological Sciences

Mackenzie Liam Greenslade, in Human
Interface Technology

Mbangu Tambwe Gregoire, in Mechanical
Engineering

Di Guan, in Mechanical Engineering

Baptiste Victor Hamon, in Civil Engineering

Tudor Hnat, in Earthquake Engineering

Pooja Immattiparambil Baburaj, in Data Science

Vanessa Rae Kennard, in Biological Sciences

Gregory Allen King, in Health Sciences

Milad Lezgi, in Forest Engineering

Jinjiang Liu, in Civil Engineering

Yi Liu, in Electrical and Electronic Engineering

Harrison John Mander, in Electrical and
Electronic Engineering

Dougal Peter McEwen Mason, in Engineering
Geology

Connor Callahan Melton, in Mechanical
Engineering

Misha Tariq Mirza, in Human Interface
Technology

Averill Lilian Moser-Rust, in Biological Sciences

Ha Linh Nguyen, in Civil Engineering

Vimesh Paudel, in Forest Engineering

David Owen Pedley, in Forestry

Andrea Pozo Estivariz, in Water Resource
Management

Katherine Mary Revell, in Health Sciences
Joel Christopher Schuurman, in Chemistry
Lachlan Olliver Smith, in Chemistry
Dael Shirley Summerhays-Sunnex, in Mechanical Engineering
Nicole Jieyi Tan, in Astronomy
Julia Guadalupe Torres Ventura, in Geography
Eryn Helena Turner, in Psychology
Hadi Vatankhah Ghadim, in Renewable Energy Engineering
Kate McKergow Wislang, in Electrical and Electronic Engineering
Zhaoyu Ye, in Civil Engineering
Mamehgo! Yousefidashliboroun, in Product Design
YuanQi Zheng, in Civil Engineering

Master of Philosophy

Amaya Nirmani Hitihami Appuhamilage, in Product Design
Jessica Rocio Montoya Mejia, in Mechanical Engineering
Goudarz Taherkhani, in Chemical and Process Engineering

Te Kaupeka Pūtaiao Faculty of Science

Executive Dean: Professor S. Parsons

Master of Science with Distinction and Bachelor of Science with First Class Honours

Riley James Hamlyn, in Water Science and Management

Master of Science with Distinction and Postgraduate Diploma in Clinical Psychology

Kelsey Campbell, in Psychology

Master of Science with Distinction, Postgraduate Certificate in Counselling Studies and Certificate in Sport Coaching

Emma Jane Holdaway, in Industrial and Organisational Psychology

Master of Science with Distinction

Estelle Josephine Alderson, in Child and Family Psychology

Lily Jane Ashenden, in Biological Sciences

Cindy Pierine Asmat Caceres, in Water Science and Management

Antonia Mary Wards Avers, in Psychology

Rosanna Lila Jane Bedford, in Psychology

Lucy Eleanor Eve Beesley, in Psychology

Megan Janice Bell, in Psychology

Emma Rose Bisphan, in Disaster Risk and Resilience

Jonathan James Brook, in Physics

Jaden Tyler Cameron, in Biological Sciences

Douglas John Chad Carroll, in Psychology

Ashlee Louisa Violet Cattermole, in Industrial and Organisational Psychology

Dinendra Sapun Bandara Dhanapala, in Biological Sciences

Raicheal Siobhan Kowhai Doohan, in Industrial and Organisational Psychology

Rewa Clare Gebbie, in Microbiology

Maya Sakura Gray, in Industrial and Organisational Psychology

Abigail Anne Groves, in Astronomy
 Archie Kimball Thomas Hann, in Geology
 Shania Rose Harrison-Lee, in Industrial and Organisational Psychology
 Jacassta Ashlea Kenney, in Chemistry
 Nur Balqis Binti Khairudin, in Psychology
 Flora Edeline Helena Larsen, in Disaster Risk and Resilience
 Jaime Ella Loie Luisi, in Astronomy
 Nelly Maeve Kennett Maher, in Environmental Science
 Rhiannon Penelope Polly Alisa Zola Mason, in Speech and Language Sciences
 Anna Grace Smith Meikle, in Water Science and Management
 Olivia Jane Monson, in Psychology
 Lucy Jane Naylor, in Child and Family Psychology
 Briar Emily Nota, in Speech and Language Sciences
 Marshall Liam Patrick, in Biological Sciences
 Christie Fiona Peterson, in Industrial and Organisational Psychology
 Sarah Kate Philips, in Psychology
 Daniel John Price, in Industrial and Organisational Psychology
 Meghan Rose Price, in Ecology
 Lauren Jane Scullin, in Speech and Language Sciences
 Suzannah Rose Sisson, in Psychology
 Mohammad Soleymani Ashtiani, in Industrial and Organisational Psychology
 Ted Basil Spinks, in Geology
 Lauren Widyanti Sulzberger, in Child and Family Psychology
 Liam David Taylor, in Ecology
 Rebecca Isabel Woodfield, in Geography
 Yandeng Xu, in Biochemistry

Master of Science with Merit and Postgraduate Diploma in Science

Mona Rajkumar Saw, in Astronomy

Master of Science with Merit

Rebecca Ellen Bolton, in Psychology
 Jiayi Chen, in Biochemistry
 Amelia Paige Dowd, in Child and Family Psychology
 Joseph Frederick Gaskarth, in Industrial and Organisational Psychology
 Grace Bethanni Howley, in Industrial and Organisational Psychology
 Marina Leshinsky, in Environmental Science
 Elanor Gwen Lilian Manning, in Biological Sciences
 Tegan Louise Marlow, in Psychology
 Megan Leonelle Miles, in Industrial and Organisational Psychology
 Omar Soto Perez, in Psychology
 Thomas George Price, in Chemistry
 Charlie James Ross, in Cellular and Molecular Biology
 Heather Viola Rusk, in Astronomy
 Nikita Brooke Smith, in Speech and Language Sciences
 Shania Olivia Stempa, in Child and Family Psychology
 Trulani van der Heyde, in Medical Physics (Clinical)
 Logan William Vickery, in Industrial and Organisational Psychology
 Connor Cracroft Wilson, in Disaster Risk and Resilience

Master of Science

Liam Patrick Kennedy, in Speech and Language Sciences

Ying Lin, in Child and Family Psychology

Olivia Jayne Welsh, in Industrial and Organisational Psychology

Master of Disaster Risk and Resilience with Distinction

Ellie Jeanne Taylor

Master of Geospatial Data Science with Distinction

Laura Morgan Bates

Blair Daniel Harris

Ryan Ansel Moore

Meet Ajaykumar Patel

Anyesha Roy Choudhury

Ginevra Lillian Ryman

Caleb Joseph Sullivan

Junhong Zhao

Master of Geospatial Data Science with Merit

Dingyi Deng

Gesmar Nunes de Almeida Junior

Master of Urban Resilience and Renewal with Distinction

Isabella Grace Jensen

Master of Urban Resilience and Renewal with Merit

Mia Chung

Bachelor of Science with First Class Honours

Joseph Henry Bray

Hunter Mary Maclarn Ludlam

Bachelor of Environmental Science with Second Class Honours (Division One)

Michael Dylan Petherick

Postgraduate Diploma in Organisational Psychology

Jacqui Bree Moorfield

Freya Rhiannon Searle

Postgraduate Diploma in Science with Distinction

Amelia Hannah Buchan

Postgraduate Diploma in Science with Merit

Shanai Jeanette Hiroki

Postgraduate Diploma in Science

Santiago Cadavid Arboleda

Postgraduate Certificate in Science

Alayaa Batrisyia Binti Omar Bakhtiar

Graduate Diploma in Science and Bachelor of Science

Cameron James Steinberg

Graduate Diploma in Psychological Science

Wenjia Dai

Bachelor of Science

Thomas David Acekus

Irfan Hakim Bin Ahmad Yani

Nicollette Faye Galang Balatbat

Travis Scott Baldwin

Tayla Renee Barry

Luke Isaac Bean

Nat Bennett

Sophia Isabella Patricia Blake

Asha Ellie Blyth

Paige Morgan Bootle
Daniel Charles Bougen
Jack Oliver Hugh Brent
Mia Luisa Brown
Colin Jeremiah Patrick Brownie
Elijah Michael Maurice Bullmore
Zane Timothy Cameron
Timothy James Carey
Dylan Peter Curtis Carlson
Breckin Lucas Chan
Ashley Jane Cullen
Sophie Elizabeth Dance
Izabella Marquez De Jesus
Isabela Vivienne Demdam
Maddison Jane Dempsey
Naya Sereena Dial
Olivia Spring Dobbins
Islay Doscher-Ozanne
Troy David Ede
Lara Jade Edmonds
William Tord Shannon Ellis
Brennt Chad Macasero Entese
Qingwei Fang
Emily Grace Marie Foot
Eleanor Grace Franklin
Jacob Thomas Gavin
Mackenzie Kelvin Gilmore
Meg Saxby Gordon
Ethan Joshua Grant
Matthew Gerrit Grijns
Gustavo Andres Guzman Theis
Lydia Anne Hawes
Miaoxue He
Ella Neriah Heslop
Tyla Elizabeth Carleton Holmes

Michael Huang
Noah Denver Vale Ilogon
Connor J H Insull
Brooke Aroha Jenner
Isaac William Jordan
Akash Kadavil Shaju
Shaveen Udana Kandalama Kandalama
Kankanamalage
Mul Kang
Harshkumar Jayantilal Kathiriya
Lucia Paris Anne Kearney
Jett Matiu Kelly
Andreas William Henri La Rooij
Prince Lal
Elise Carolyn Lester
Junxing Lin
Junsong Liu
Rata Amelia Lomax
Georgina Elizabeth Loucataris
Isabella Violet Mason
Claire Olivia McEwen
Isobel Hunter McKnight
Ethan Joel McLeish
Jared Aloysius Melchers
Eleanor Metcalfe
Kayla Leigh Miller
Isaiah Nathan Moir
Georgia Raine Moore
Muhammad Azim Bin Muhamad Ridzuan
Dominic Michael Muller
Anish Avneel Narayan
Joshua Dean Newby
Ha My Nguyen
James Samuel Muir O'Connor
Esther Charmaine Olivier

Guangyao Ouyang
Amos Joseph Cunningham Pease
Molly Grace Pickavance
Sukrita Promyot
Felix Harper Reece
Sol Ianto Tomas Rogers-Mullins
Aaria Emareana Tumaia Rolleston
Nathan Jan Acosta Salgado
Vincent Crear Sanderson
Yotam Shmeltzer
Oleg Shuvaev
Charlotte Karen Smith
Madeline Mareta Jessica Snowdon
Alysse Subari
Kvido Tayerle
Eneti Iosefo Tofa
Hayden Keanu Kaj Topperwien
Luke Charlie Townend
Olive Isabella Tuipulotu
Sasha Anton Uhrbom
Abigail Jade Unthank
Lia Hedy Walker
Zara Victoria Wrigley
Tong Yang
Janelle Thi Kim Yu
Rebecca Yu
Siti Nahar Tania Binti Zainuddin
Abdul Rahman Bin Zakaria
William Andrew Zernikow

Bachelor of Data Science and Diploma in Commerce

Ray John Paulo Manna Gomez

Bachelor of Data Science

Jacob George Banks
Arjun Bhatt
Zhuoheng Chen
Miaobing He
Hong Chit Young

Bachelor of Psychological Science and Diploma in Commerce

Benjamin Mackenzie Wayland Goodger Colvin

Bachelor of Psychological Science

Melat Afework Alemu
Avalon Shay Jenner Boyce
Todd Mason Stevens

Certificate in Science

Vinnie Dane Hatcher

Master of Audiology with Distinction

Lalita Budathoki
Carla Michelle Duffield
Nicola Kim Duffy
Brittany Andrea Marr
Eliza Grace Wilson Riley
Hannah Alexandra Ward

Master of Audiology with Merit

Jesse Luke Perrott
Yi Wang

Bachelor of Speech and Language Pathology with Second Class Honours (Division One)

Katie Isabella Magnussen
Jourdan Christianne Rhind

Musical performance midway through the presentation of graduates

George Gershwin's *Lullaby for String Quartet*.
Performed by students from UC's School of Music.

Please remain seated. No entry to, or exit from, the auditorium during this performance.

Te Kaupeka Pūhanga Faculty of Engineering

Executive Dean: Professor S. Sinha

Master of Applied Data Science with Distinction and Bachelor of Commerce

Logan Robert Barrington

Master of Applied Data Science with Distinction

Vigneshwar Rao Atluri

Eduard Evgeny Bradley

Yizhou Cao

Chang Hui Chan

Meiling Li

Qianqian Li

Xiaohan Liu

Zhenghang Lyu

Sam Micheal

Arsha Mustika

Jeslin Sebastian Ovalil

Matthew James Prince

Hayley Bridget Russell

Rujal Shrestha

Win Kyi Tin

Biqiao Wang

Pengcheng Wu

Yuxuan Wu

Haoran Xia

Wenke Yuan

Master of Applied Data Science with Merit

Athul Aby Zacharia

Zheng Chao

Yuvraj Singh Chauhan

Jenisha Maria D Souza

Fernando Giade

Suryash Greenwold

Bhashini Madhushani Hewa Thondilage

Supriya Jose

Zhaoyu Li

Yan Meng

Nirosigaa Subendran

Ashly Thomas

Jasper Siew Wu Wong

Ying Yan

Lusha Zhang

Master of Applied Data Science

Samuel Christofan Auditama

Rohith Blesso Dharmaraj

Gowry Shankar Gopakumar

Tingling Hu

Alan Joseph

Julie Anne Manabat Pomposo

Nikitha Rajan Parackel

Joe Steven

Prisca Patchellie Yahnissi

Master of Architectural Engineering with Distinction

Zhiyuan Bei, in Integrated Building Design

Kirill Kobozev, in Integrated Building Design

Weichun Zhang, in Integrated Building Design

Master of Architectural Engineering

Bharath Biji, in Integrated Building Design

Master of Artificial Intelligence with Distinction

Matthew James Axtell

Tobey Beckett Bond Glithero

Alexander Luke Greenough

Sophia Marielle Magistrado Simangan

Wensheng Wu

Master of Artificial Intelligence with Merit

Habiba Ahmed

Paras Gakhar

Arathy Udayan Pushpalatha

Master of Artificial Intelligence

Xiayi Yao

Master of Civil Engineering with Merit

Akshay Arunkumar, in Construction Management

Sunil Dahal, in Transportation Engineering

Yongchang Han, in Geotechnical Engineering

Seung Hwa Jung, in Water Engineering

Prince Khadka, in Construction Management

Seonghun Lee

Naga Lavanya Mahankali, in Structural Engineering

Dev Chetanbhai Parikh, in Transportation Engineering

Bikash Kumar Sah, in Construction Management

Alex Singh Thagunna, in Structural Engineering

Archit Verma, in Transportation Engineering

Subarna Yogi, in Geotechnical Engineering

Master of Civil Engineering

Vamsi Krishna Reddy Challa, in Structural Engineering

Santosh Chaudhary, in Construction Management

Jenny James George, in Structural Engineering

Shanibhai Rajeshbhai Kalathiya

Niharika Mada, in Construction Management

Arjun Madhu Pillai, in Construction Management

Fernando Mogollon Mogollon, in Construction Management

Anmol Singh, in Construction Management

Sakthi Manoj Thirugnanam, in Construction Management

Ashitha Treesa Tom, in Structural Engineering

Sunil Kumar Vishwakarma, in Construction Management

Master of Engineering with Distinction

Mia Holland Dicey, in Mechanical Engineering

Jared James Ng, in Mechanical Engineering

Junkeng Su, in Mechanical Engineering

Master of Engineering Studies with Merit

Salman Baig, in Renewable Energy

Master of Engineering Studies

Ajay Kumar, in Renewable Energy

Zhuo Chen, in Renewable Energy

Sanjeev Kumar, in Mechanical Engineering

Rahul Melezhuth Thilakan, in Mechanical Engineering

Aarti Mukhia, in Renewable Energy

Manan Nileshkumar Patel, in Mechanical Engineering

Shreya Santhosh, in Renewable Energy

Yu-Hsuan Tu, in Mechanical Engineering

Master of Fire Engineering Studies with Merit

Jolame Paea-Moe-Lotu Taufa Maile

Michael John Poff

Master of Human Interface Technology with Distinction

Saumya Chanana

Shiyu Lyu

Gabrielle Rosemergy

Master of Human Interface Technology with Merit

Yutong Jin

Master of Mathematical Sciences with Merit

George Fredrick Smith-Kolff, in Data Science

Professional Master of Computer Science with Distinction

Joshua Lachlan Clark

Shyam Hari

Professional Master of Computer Science

Juan Bai

Postgraduate Diploma in Applied Data Science with Merit

Shomaru Yamamoto

Postgraduate Certificate in Cyber Security with Distinction

Xicao Liu

Postgraduate Certificate in Cyber Security

Shanaka Eranga Narammala Narammalage

Postgraduate Certificate in Engineering

Loghan Saravana Ganesh, in Mechanical Engineering

Bachelor of Engineering with First Class Honours and Diploma in Global Humanitarian Engineering

Nicholas James Dewhurst

Bachelor of Engineering with First Class Honours

Rafael Max Angelo Briones Lynskey

Thomas Pemberton Hickford

Jayden Ruo-Yong Ling

Emily Crystal McGifford

Ryan Jacob Scofield

Bachelor of Engineering with Second Class Honours (Division One)

Caleb Symon Askew

Timothy Luke Blewden

Oliver Arthur Clark

Miguel Enrique Alierio Fernandez

Stephen Johannes Tama Hockey

William Michael Hogan

Nuha Binti Iskandar Zulkarnain

George Albert Johnson

Jamieson Matthew Lee

Acadia Sarty Leniston

Kade James Lindsay

Rinlada Emma Tolley

Bachelor of Engineering with Second Class Honours (Division Two)

Cameron Thomas Abel

Aaron Bong

Shaun Bradley Chalmers-Banks

Harrison Lester Craythorne

Charles Ross Finlayson

Kohki Hayakawa

Nabeel Iqbal Janif

Ryan Martin Joe

Zak Brian Lockett
Andrea Angelo Mascarenhas
Benjamin Matthew McBeth
Kenneth Dave Arizabal Montenegro
Tyler Michael Phipps
Tyler George James Pride
Joshua Matibag Rayala
Finnley Steden Roberts
Aaron Francis Paloso Sevilla
Cody Joel Shortt
Charlie Andrew Sims
James Ferrer Small
Annalise Nicola Smith
Reed Thomas Gregory Smout
Victor Xiang Song
Celeste Margaret Turnock
Oliver Bryan Leyland Tweddell
Xavier Jake David Newland White
Ruirui Zhao

Bachelor of Engineering with Third Class Honours

Aina Norsyafiah Binti Azhar
Olivia Grace Ballantyne
Joshua Samuel Barley
Robert William Bass
Maxwell Oliver Grayson Burton
Duncan Alastair Butler
Nathan Clarry Donnell
James Eason Dyhrberg
Mohammad Shah Ehda
Tonga Latuila Faletau
Liam Moran Tjeerd Feringa
Nathalie Jade Blanco Fuentes
Semisi Haukinima Fakaofu Fukofuka
Xinkun Huang

Lufilufi Afaese Lene
Yixin Lyu
Robert Montgomery George McKeown
Bryan Mhonde
Mohammad Hazim Bin Mohammad Tarmizi
William Makar Norman
Solomon Andrew Ord-Walton
Tyler Tuhura Otene
Ittai Shimon Perchig
Rory Ethan MacKenzie Petch
Carlo Alejandro Ramirez Sanchez
Jesse David Rolls
Nurfirdaus Najwan Bin Rozaidy
Julius Sandfeld Spiers
George Edward Thiele
Mohammad Ferhadde Bin Zaidin

Master of Forestry Science with Distinction

Nicholas Andrew Berry

Conjoint Bachelor of Product Design and Commerce

Emma Lee Rita Abbott Joe
Ellamia Grace Devereux
Sukhleen Kaur

Bachelor of Product Design

Jamela Mae Verdadero Arganda
Chione Zainab Banda
Glory Rose Bateman
Reuben Daniel Brown
Kelso John du Mez
Hunter Houston Duligall
Ysabella Rose Ewen-Street
Dominic Hedley
Aysha Jay

Giles Thomas McGrath
Oliver McIntyre Mears
Rory John Gresham O'Sullivan
Kunaal Kaushik Pratap
William Stuart Simpson
Mitchell John Smith
Gary Alan Tinker
Samuel Joseph Watters
Jack Antony Cupples Yonge

Te Kaupeka Oranga Faculty of Health

Executive Dean: Professor C. Andrew

Master of Counselling with Distinction

Julia Vanessa Metcalfe
Kerry Louise Youngman

Master of Health Sciences with Distinction

Ashlea Jade Hunter, in Nursing
Harriet Georgina Murray, in Palliative Care
Greer Elizabeth Smit

Master of Health Sciences

Yuefei He, in Nursing
Ugyana Karmacharya, in Nursing
Davinder Kaur, in Nursing
Kristine Shane Castor Loresco, in Nursing
Sibongile Moyo, in Nursing
Amitaben Pinal Patel, in Nursing
Nanayakkara Wasam Pallage Dona Bhadra
Nishanthi Perera, in Nursing
Meng Wang, in Nursing

Master of Health Sciences Professional Practice with Distinction

Hayley Louise Johnson, in Health Leadership
and Management
Misbah Yousaf

Master of Health Sciences Professional Practice with Merit

Mahesh Chaulagain
Irikefe Adesola Ilesanmi
Chirag Raj Saxena

Master of Health Sciences Professional Practice

Anusha Azhagumani, in Health and Community
Salina Bista
Ranjeeta Mahato
Megha Shine
Akshaya Subbramani

Postgraduate Diploma in Health Sciences with Distinction

Rebecca Jane Millar, in Palliative Care

Postgraduate Diploma in Health Sciences

Epeli Bogitini, in Health Leadership and
Management
Shikshya Chapagain, in Health Leadership and
Management

Postgraduate Certificate in Health Sciences

Julie Claire Lamont

Bachelor of Health Sciences

Hannah Gabrielle Brown

Hamish Dean Chisnall

Janella Ria Samson Enriquez

Lan Qian

Matthew Foster Raharuhi Simpson

Annabel Rose Symes

Jacob Januc Walters

Master of Sport Science with Distinction

Megan Brooke Lowe

Brandon James Roberts

Emily Jane Sidaway

Joshua Michael Woodhead

Master of Sport Science with Merit

Finley Joel Bankier

Gargi Rajendra Bhurke

Xinkai Shen

Bachelor of Sport

Jordyn Alexandra Adlam

Emma Rose Child

Akiyo Yamaguchi Ellin

Charlotte Imogen Grace Fisher

Liam Jackson Gordon

Jessica Rachel Jean Pierce

Emily Madison Reeves

Lachlan Stewart Richards

Mitchell Ryan Spencer

James William Tucker

Bachelor of Sport Coaching

Joshua Andrew Bartram

Emma Jayne Boyes

Luca Chris Antonio Hodgson

Sophia Fonseca Madrid

Daniel John McNaught

Liam Caleb McSoriley

Muhammad Haqiem Daniel Bin Mohd Nazril
Hisham

Parris Marie Petera

Tahara-Jayne Maiya Rusden Rowley

Mikayla Rose Stevenson

Alisa Wada

Jessica Joy Wech

Bachelor of Social Work with Second Class Honours (Division One)

Alexandra Marie Gregory-Hunt

Caitlin Georgia Quinn

Bachelor of Social Work with Second Class Honours (Division Two)

Helina Ta

Graduation Address

Dr Gareth Taylor, Director, Collaborations

Close of proceedings

Delivered by Tumu Whakarae
Vice-Chancellor

When announced, please stand and join in
singing *Gaudeamus* (words inside back cover).

Please remain standing until the academic
procession and graduates have left the
auditorium.

Recessional Organ Music: *Graduation Festival
March* (composed by Scotson-Clark).



Ngā Hātepe | Order of Proceedings

Tūrei 25 Ākuhata, Hui Whakapūmau i te ahiahi
Tuesday 25 August, Afternoon Celebration

At approximately 1.45pm the piper will herald the entry of the graduates
Please remain seated.

Piper: Graeme Bryce

Brief silence.

Fanfare (composed by Emeritus Professor John Ritchie)

Entry of the academic procession
Please stand.

Processional March: *Cantuariensium* –
The University Song (composed by Dr J. C. Bradshaw, first Professor of Music).
Organist: Thomas Rainey
Please remain standing.

Whakatau (Welcome)

The whakatau recognises the place of Ngāi Tūāhuriri as mana whenua and Te Whare Wānanga o Waitaha | University of Canterbury's commitment to bicultural development.

Pao

A call of welcome by a Māori woman representing mana whenua.
A representative group of graduates will proceed into the auditorium.
At the conclusion of the pao please be seated.

Mihi

A greeting by Pou Whakarae Professor Te Maire Tau or a representative on behalf of Te Whare Wānanga o Waitaha | University of Canterbury and Ngāi Tūāhuriri.

Waiata

A song, Manu tiria, concludes the Māori welcome (words in back of programme and on screen).

**Opening greeting by Tumu Kaunihera
Chancellor Hon Amy Adams**

**Please stand and join in singing E Ihowā Atua
– God Defend New Zealand.**

Led by Kaitlyn Rodley and Lydia McCaul
(words inside back cover and on screen).

**Tumu Kaunihera | Chancellor
Hon Amy Adams will open the proceedings.**

Tumu Kaunihera

Presentation of Graduates to the Chancellor

Te Kura Tāura UC Graduate School

Dean: Professor B. McNeill

Doctor of Education

Deborah Marie Donaldson

Hilary Jane Kingston

Doctor of Musical Arts

Alexandra Hope Appleyard Watson, in
Composition

Doctor of Philosophy

Michelle Alexander Beauchamp, in Education

Ke Chen, in Education

Thomas Robert Gilmour, in History

Chunyu Han, in Law

Teena Miri Henderson, in Education

Behrang Ijadi Besheli, in Information Systems

Amy Maree Kaukau, in Education

Ran Lu, in European Studies

Trung Tin Nguyen, in Marketing

Antony Iorwerth Nihoniho, in Māori and
Indigenous Studies

Heeseong Noh, in Finance

Thi Thu Huong Pham, in Taxation

Jennifer Pearl Smith, in Education

Yue Wang, in Economics

Thejani Madhuhansi Wickrama Hewage, in
Marketing

Mahathuwakkarage Ruwan Prasad Wijesinghe,
in Accounting

Tina Shoufuan Yee, in Law

Linna Zhang, in European Studies

Te Kura Umanga UC Business School

Executive Dean: Professor P. Ballantine

Master of Commerce with Distinction

Benjamin Clifford Plimmer, in Economics

Master of Commerce with Merit

Joshua David Hulbert, in Economics

Master of Applied Finance and Economics with Merit

Amelia Merita Louise Williams Rennie

Master of Business with Distinction

Janavi Kadhiravan, in Management

Ating Ku, in Management

Tram Uyen Nhi Nguyen, in Financial
Management

Aidan Buckley Pearce, in Financial Management

Master of Business with Merit

Adam Thomas Garing, in Financial Management

Swetha Genji Balachandran, in Financial
Management

Isabella Moura McCormick, in Management

Ayushi Rakesh Trehan, in Financial Management

Master of Business

Apurva, in Management

Tassiane Ferreira Barros, in Financial Management

Navkiran Kaur Kavleeet Singh, in Financial Management

Ankit Mathur, in Management

Disha Uday Patel, in Management

Yada Poykhunthod, in Management

Wasut Rotjanarat, in Financial Management

Master of Business Administration with Distinction

Kathryn Elizabeth Bell

Kirsty Michelle Gold

Richard Michael Jordan

Si Thu Kyaw

Jonathan Ruo-Chiang Ling

Kerryn Malcolm

Sally Johan Kathryn Williams

Master of Business Administration

Paul Leon Acker

Jonathon William Alan Hayward

Regan Ashmore Hines

Daniel Westlake

Master of Business Information Systems with Distinction

Hsin-Pei Chang, in Business Analytics

Thi Thu Thuy Do

Piyumi Seneviratne, in Business Analytics

Debesh Shankhi, in Technology Management

Afrin Sheik Abdul Kader, in Business Analytics

Aung Kyaw Thant, in Technology Management

Cheng-Yo Tsai, in Technology Management

Yeow Zhi Xuan, in Business Analytics

Master of Business Information Systems with Merit

Ritika Dangwal

Reenu Jose

Neha Kayakkal

Arun Louis

He Ma, in Business Analytics

Renu

Lulu Shi, in Business Analytics

Samuel Matau O Te Rangi Mansel Stewart

Madhumitha Thaduri

Linh Phuong Tran

Master of Business Information Systems

Enrong Cai

Aryan Kathuria

Ananya Singh

Venkata Srujan Tipparaju

Master of Marketing with Distinction

Sarah Lilian Clarke, in Digital Marketing

Thanh Kim Ha, in Digital Marketing

Master of Marketing with Merit

Feiyu Chen

Anneliese Ellen Leamy-King, in Digital Marketing

Fifi Olivia Limonta, in Digital Marketing

Master of Marketing

Manchun Nian, in Digital Marketing

Mengci Xu, in Digital Marketing

Master of Professional Accounting with Merit

Andrew Elliott Egerton Collins

Aiju Lu

Naomi Ono

Master of Professional Accounting

Vivian Lawrence Dsilva

Postgraduate Certificate in Digital Marketing

Carolina Fontanella

Annabel Louise Reid

Postgraduate Certificate in Strategic Leadership

Christofer Bullsmith

Neil Johann De Goede

Nancy Margaret Godwin

Bonita Jolene Savage

Bachelor of Commerce and Bachelor of Laws

Blake Nickoli Alexander

Nathan David Olds

Bachelor of Commerce

Charlotte Elizabeth Adams-Drury

Gabriel Madronio Aguilá

Numan Hadif Bin Ahmad Aezuddin

Mohamud Ali Hussein Ahmed

Azam Mukhlis Bin Aminudin

Nikki Eimeren Espedido Amlog

Danil Anashkin

Jack Grant Daniel Arbuckle

Vanya Ardillah

Aireen Zia Royeras Arroyo

Robbie Purdie Bargrove

Lachlan Edward Bartlett

Melissa Jean Bentley

Shravan Bhasker

Nukman Haziq Bin Fauzi

Wadihan Erfan bin Hairul Hisyam

Muhammad Irman Bin Kamal 'Azam

Muhammad Nazim Bin Mohd Saifulizam

Muhammad Aniq Haiqal Bin Murtadha

Nurul Hafizah Binti Abdullah

Azizah Binti Ismail

Farahani Binti Kamal Basha

Nurin Afqah Binti Mahat

Nurul Izzah binti Mohamad Nordin

Nurul Afifah Binti Mohd Jasmin

Nur Hadirah Darwisayah Binti Mohd Sayuthy

Sarah Adlina Binti Muhamad Ali

Nurhanis Raihan Binti Muhamad Rizal

Nur Irliyana Binti Nasir

Wan Nurul Farhana Binti Wan Mohd Kamil

Syazia Aina Binti Zahari

Faten Rufaidah Sofea Binti Zulhilmi

Joaquin Victor Farrer Blair

Deyton James Bloxham

Ella Grace Boland
Sarah Mercedes Boles de Boer
Zac Kris Roy Bracey
Chante Breedt
Isabel Grace Brooks
Jayden John Brown
Caryl Deangkinay Cerro
Nikita Rose Christie
Kaveesha Clark
Finnan Darrin Clement
Jiayuxin Cui
Christian Jack Currie
Thomas Robbie Davis
Elina Denisenko
Benjamin David Drury
Buddhika Manodya Bandara Ekanayake
Fatima El Zahraa Ahmed El Saka
Sophia Alexandra Ylagan Esmedia
Joshua Thomas Fentiman
Larissa Evelyn Field
Mia Alessandra Fletcher
Katelyn Joanne Flynn
Logan Patrick Forde
Caitlin Haldane France
Jamie Charles Goodgame
Andreas William Gormack
Trinity Tallulah Greig
Hayden Edward Groves
Paolo Ramirez Guese
Lorraine Hatipov
Cooper William Hay
Kayla Rose Hide
Hannah Zing Iang Hlawnceu
Daniel Joseph Holland
Coco Rosie Hommels

Blake Russell Hoskin
Joshua Laurence Hughes
Tama Declan Hohua Hughes
Deianira Sammara Tolentino Ingua
Angus Jack Ireland
Nurul Natasya Binti Ismayudin
Minho Joungh
Liam Jayden Keegan
Kinuhu Kida
Justine Kwan
Sophie Olivia Kyle
Wei Chen Lai
Rihan Khyal Yateen Lallu
Kendra Nicole Lapslie
James Alexander Lavender
Kathy Lee
Hayden Keen-Jun Li
Zehao Li
Xiaotong Liu
Rosie Cronin Lloyd
Stuart Francis Lowe
Seyeon Maeng
Te Rautawhiri Mahaki Mamaru-O'Regan
Olivia Grace Mancer
Eugenie Esma May
Joe Murdoch McLeod
Jason James Mei
Chielamy Ladaga Montero
Mario Henry St John Moody
Matthew Patrick Moravec
Duncan Hamish Mutch
Otto William August Nelson
Jenica Mae Aquino Padiernos
Cambell James Rennie Patrick
Hamish Ron Patterson

Dylan Jack Sumner Pearson
Pedro Pablo Pena Garrido
Bree Caitlin Pool
Leon David Emani Poswillo
Samantha Victoria Price
Archibald Norman Sinclair Reekie
Nurshahrina Binti Rizal
Oscar Thomas James Rutledge
Caitlin Grace Sangster
Ivan Lebron Reingin Santos
Alexandra Kate Sharp
Jordan Poppy Silcock
Bethany Laura Smith
Ollie Edward Rupert Sowman
Nicholas Philip Sparg
Matt Laurence Geoff Speechly
Jack Stevens
Kenshin Suwa
Tianyi Tang
Xinyi Tang
Man Zhiang Teng
Harriet Neve Thompson
Bella Jane Thornton
OJseCarlo Tilaia
Joshua Piet Timmer
Tommy Leo Foster Tomlinson
Alfrene Gimn Manza Torres
Naomi Bao Ngoc Tran
Hsin-Ya Tsai
Angel Fatima Resurreccion Vidal
Cody James Wakefield
Jiani Wang
George Joseph Watson
Charli Kate Watts

Louis George Home Wells
Oscar Talbot Home Wells
Alexander Cameron Wheeler
Talia Eva Sian Whitfield
William Francis Wightman
Olivia Kate Wilson
Zachary William Winter
Felix Stephen George Wood
Myles George Yarrell
Hui Ling Michelle Yee
Nur Umairrah binti Zaifuddin
Nurin Izzati Amira Binti Zainurin
Nur Ain Nasirah Binti Zamri
Shaohua Zang
Bohan Zhang
Lingyu Zhao
Yinghao Zhong

Diploma in Commerce, Diploma in Arts and Certificate in Criminal Justice

Kaia Makayla George

Diploma in Commerce and Certificate in Science

Francheska Vicencio Dela Cruz

Diploma in Commerce

Ashton Grant Tolley

Musical performance midway through the presentation of graduates

George Gershwin's *Lullaby for String Quartet*.
Performed by students from UC's School of
Music.

Please remain seated. No entry to, or
exit from, the auditorium during this
performance.

Te Kaupeka Toi Tangata Faculty of Arts

Executive Dean: Professor K. Watson

Master of Arts with Distinction

Georgiana Kate Anderson, in Psychology
Riley Campbell Lopez, in Cultural Studies
Emily Herta Lyckholm, in English
Olivia Jane Martin, in Māori and Indigenous Studies
Ashraf Malik Omar, in Classics

Master of Arts

Janet Mary Moody, in Sociology

Master of Applied Translation and Interpreting with Merit

Lama Tarawia

Master of International Relations and Diplomacy with Distinction

Amanda Marie Fry Gostomski

Master of International Relations and Diplomacy with Merit

Jake Oscar Killoh
Luke Henry Soper

Master of Māori and Indigenous Leadership with Distinction

Shem Wiremu Murray

Master of Policy and Governance with Distinction

Tamsyn Rose Brown
Mylia Taku-Anahera May Kerehi-Ewington

Master of Policy and Governance with Merit

Jesse Kane Farrelly Greaves

Master of Writing with Distinction

Caitlyn Janice Penney

Master of Writing with Merit

Jacob Christopher Dowling

Bachelor of Arts with First Class Honours

Zahra Haidary
India Mason
Sophie Judith Meiritz-Reid
Conan Raymond Young

Bachelor of Arts with Second Class Honours (Division One)

Emma Rose Phillippa Groom

Postgraduate Diploma in Art Curatorship with Distinction

Holly Elizabeth Neave

Postgraduate Diploma in Translation and Interpreting with Distinction

Mo Li

Postgraduate Certificate in Arts

Lakkani Wijewardene

Postgraduate Certificate in Translation and Interpreting with Distinction

Fengmei Pan

Graduate Diploma in Arts

Keith Yenduo Naune Hiawalyer

Bachelor of Arts and Bachelor of Laws

Rebecca Lorraine Inch

Bachelor of Arts and Bachelor of Commerce

Emily Mercer McDowell Place

Bachelor of Arts and Bachelor of Communication

Sophie Juliet Kennedy

Bachelor of Arts

Cassidy Jeanette Alexander

Shamia Shahina Ali

Joseph Benjamin Andrews

Michelle Jane Andrews

Ana Belen Barbeito

Baylee Rene Batchelor

Sophie Monique Blackett

Charlotte Monica Marie Boyd

Kai Ian Heath Button

Mizuki Angelina Carman

Jessica Louise Clarke

Sophia Lelias Rebecca Te Awhiowhiorangi

Maitai Clarke-Walker

Emma Adelaide Clay-Moore

Rowan Elizabeth Cleary

Caitlin Isabel Cooling

Renée Margaret Currie

Shammah Glory Daaca

Finn Giovanni Carter Durning

Arifa Ehsani

Samuel John Evans

Mailena Aivy Fasi Fidow

Rory Patrick Fulton

Alexandra Paris Fyfe

Elisha Gleave

Ruby Jean Rose Gordon

Archer Jack Graydon

Douglas John Graydon

Eva Joza Grbavac

Jimmy Owen Gully

Hazel Valarie Harris

Fuyuka Hattori

Tayissa Jade Hetet-Morris

Muhammad Zahran Hidayat

Seren Tonia Hooper

Jasmine Sophie Inch

Alexander Edward Frederick Jones

Sophie Claire Jongen

Isla Beth Kennard

Nabila Khediri

Ashleigh Brooke Linkhorn

Grace Peggy Martin

Virginia Elizabeth Mathieson

Keela Matthews

Ethan McCallum-Williams

Tessa Nicole Mein

Aisyah Amira Izzati Mohammad Hafiz

Bryn William Blackburn Mooar

Rebecca May Moody

William Robert Morgan

Jordan Henry James Neall

Bridie Rose O'Flaherty

Grace Frances Jones Opie

Maddison Joy Marie Palmer

Alex Elliot Reason

Mei Rozamund Riwai-Couch

Hugh Elwood Martyn Ryan

Ava Lyn Scott

Clare Megan Seatter

Lakelyn Lee Shields

Matthew Peter Stewart Strong

Isabella Massetti Sweeney

Nakoda Jagan Che Cordell Tamaira-Cooper

Chloe Jennifer Taylor

Caroline Moana Thompson

Aiko Tokunaga

Helena Lomialagi Tulia
Depra Betty Tupuse
Grant Jhun Sembrano Vergas
Leah Tupono-Mai Watson
Lilly Josephine Kathleen Wehi
Chevonne Krystal Wellington
James John Lewis White
Nimandi Wijewardene
Hanna Tuesday Wikstrom
Amy Carrie Wilson
Sylvie Jane Roulston Yee

Bachelor of Digital Screen

Maria Lorena Bebb
Luke Oscar Donaldson-Scott
Geordie Alexander Prebble

Bachelor of Social and Environmental Sustainability

Gabriella Grace Benn
Patrice Kay Hammond
Joanne Evelyn Lourens
Grace Tayla Adele Robinson
Flora Helene Schmidt

Diploma in Advancing University Studies

Amelyn Velarde Baniqued

Diploma in Arts

Henry Fergus Kevin More

Master of Strategic Communication with Distinction and Diploma in Advancing University Studies

Megan Jane Gnad

Master of Strategic Communication with Distinction

Shreta Singh
Sara Tan

Master of Strategic Communication with Merit

Gopika Pramod

Master of Strategic Communication

Wanna Li

Bachelor of Communication

Alicia Emily Carr
Bella Rose Dowling
Zhiwei Li
Emily Elizabeth O'Neill
Lucia Poppy Willis

Master of Fine Arts with Distinction and Postgraduate Diploma in Fine Arts with Distinction

Xinzhu Du, in Painting

Master of Fine Arts with Distinction

Alfred Deng Jie Hoi, in Graphic Design

Master of Fine Arts

Marco John Versfeld, in Graphic Design

Postgraduate Diploma in Fine Arts

Temaleti Fifita Taufa

Bachelor of Fine Arts

Oceana Eva-Rose Olsen

Bachelor of Music with First Class Honours

Angela Elizabeth Mote-Andrews

Bachelor of Music

Katherine Emillia Griffiths

Te Kaupeka Ture | Faculty of Law

Executive Dean: Professor P. Butler

Master of Laws with Second Class Honours (Division One)

Nellie Tamzin Molloy Evison

Bachelor of Laws with First Class Honours and Bachelor of Arts

Zachariah David Anderson

Beth Margaret Feller

Bachelor of Laws and Bachelor of Arts

Kate Elizabeth Murphy Ahearn

Yasmin Alawi

Gus Stanley Borren

Elena Courtney Warahi Kingham

Luke Joshua O'Neill

Bachelor of Laws and Bachelor of Commerce

Matthew Jack Money McComish

Logan Blair Nicholas John Parker

Salena Udit Sinha

Bachelor of Laws and Bachelor of Criminal Justice

Ajani White

Xiaoyi Fu

Keri Chontel Martin

Leah Catherine Te Reihoa Wesley

Bachelor of Laws and Bachelor of Science

Claudia Candice Lassiter

Georgie Melonie Roberts

Bachelor of Laws and Diploma in Languages

Danielle Jessica Baleilevuka

Bachelor of Laws and Certificate in Criminal Justice

Max James Cavill-Sherriff

Bachelor of Laws

Rujraphakorn Abhakorn

Narges Ahmad Ali

Allan Albert Lising Alcoriza

Christie Helen Blummont

Jorja Mae Brazil

Oliver Deane Cosgrove

Daniel John Coulter

Anthony Maximillian Dealy Cottrell

Jonas Winton Dickenson

Kelly Julie Drummond

Thomas Spencer Durward

Jessica Ellen Goodall

Britney Emma Greene

Angela Mae Gabrielle Abuel Guda

Benjamin Meade Hartshorn

Maisie Rose Holland

Georgia Grace Lassen

Kai Minseok Lee

Jie Li

Monique Ingrid Lina

Matthew John McVicar

Lee-Anne Milne

Penny Michele Parkyn

Grace Ellen Collins Sharman

Christopher Antony Turner-Bullock

Faanimio Warren

Hugo Sebastian White

Maike Zeng

Sofia Zlotkowska-Eddy

Master of Criminal Justice with Distinction

Logan James Quigley

James Evan Quinn

Isabella Ruby Joyce Sherburd

Master of Criminal Justice with Merit

Katie Kaylor Walker

Bachelor of Criminal Justice

Zahra Ahmadi

Liam Donald Alexander

Rhiannon Vera Alexander-Lamb

Amelia Rose Ashby

Jacqueline Yvonne Brewster

Alyssa Renee Cumming

Brie-Anne Lynette Davey

Ella Grace De Leeuw

Greer Charlotte Gillies

Sophie Rose Hickey

Annabelle Eleanor Jack

April Francis Lys

Brooke Ellen Mathie

Zeinab Mehdizadeh

Vannisah Ramu

Tanisha Neha Reddy

Riley Karaitiana Trathen-Heiford

Radella Beryl Tsang

Maxwell Andrew Whyte

Certificate in Criminal Justice

Natoma Nabole Abele

Isaiah Andrew Sands

Te Kaupeka Ako | Faculty of Education

Executive Dean: Professor J. Nuttall

Master of Education with Distinction

Suguna Beesetti, in Leadership

Carey Lynn Bennett, in Leadership

Rebecca Maree Brocherie

Rhonda Victoria Kerr, in Leadership

Ruby Janet Palma Ortiz, in Teaching and Learning Languages

Lesieli Peseta, in Leadership

Hieu Nguyen Trung Trang, in Teaching and Learning Languages

Patricia Elizabeth Tuthill

Emma Jane Woolford, in Leadership

Master of Education with Merit

Amrutha Krishna, in Leadership

Sue-Marie Birch

Ancia Ceazer Dsilva, in Leadership

Melissa Adele Grant, in Literacy

Junting Liu, in Teaching and Learning Languages

Rincy Philip, in Teaching and Learning Languages

Master of Education

Fiona Mary Brownlie, in Curriculum and Pedagogy

Paramjeet

Azel van Coller, in Literacy

Master of Teaching and Learning with Distinction

Luyi Gao, in Secondary Education

Peng Zhou, in Primary Education

Master of Teaching and Learning with Merit

Thomas Graeme Mitchell, in Primary Education

Master of Teaching English to Speakers of Other Languages with Distinction

Hsin-Yi Lin

Master of Teaching English to Speakers of Other Languages with Merit

Yiqian Wang

Master of Teaching English to Speakers of Other Languages

Anjana Anil Anjanam

Postgraduate Diploma in Education with Distinction

Joanna Ruth Larkin, in Teaching and Learning Languages

Postgraduate Diploma in Teaching and Learning with Merit

Benjamin Heker Robertson, in Primary Education

Postgraduate Certificate in Teaching English to Speakers of Other Languages

Milika Palolo 'Alofi Faitotonu

Poe Kairua

Xiao Liang

Toni Gaelle O'Dell

Graduate Diploma in Teaching and Learning

Hannah Jane Davey Jordan

Fionn Eilidh Elliot McNaughton

Minnie Rose Catherine Robberds

Amy Elizabeth Tombleson

Graduate Diploma in Teaching and Learning (Early Childhood)

Angelika Hofmann

Ako: Bachelor of Teaching and Learning

Courtney-Anne Anderson

Jessica Bath

Chantel Bold

Olivia Anne Bond

Sophie Jocelyn Brennan

Jonte Maddison Levi Britten

Matthew John Cairns

Chelsea Juanita Irene Ellmers

Isabel Dorothy Rosetta Froom

Marosca Habachi

Lucinda Isabelle Hallett

Janelle Waiora Evelyn Hume

Caitlin Ariana Johnson

Elena Marie Matteucci

Lauren Marie Meldrum

Abigail Rosina Mitchell

Ané Nel

Samuel Ross Righton

Bachelor of Teaching and Learning (Early Childhood)

Emily Rose Pratt

Bachelor of Teaching and Learning (Primary)

Cory Dade Myatt

Bachelor of Youth and Community Leadership

Samantha Diane Butterfield

Graduation Address

Scott Haines, Principal, Burnside High School
Te Kura o Waimairi-iri

Close of proceedings

Delivered by Tumu Whakarae
Vice-Chancellor

When announced, please stand and join in singing *Gaudeamus* (words inside back cover).

Please remain standing until the academic procession and graduates have left the auditorium.

Recessional Organ Music: *Graduation Festival March* (composed by Scotson-Clark).



Thesis descriptions

Imogen Marie Alderson

Studies Towards Racemisation-Free Ring-Opening of Hydantoins

α -Amino acids are essential building blocks required to sustain life. Synthetic α -amino acids have side chains not found in nature. Instead, they are found in many drug molecules on the market, because they can effectively interact with drug targets, whilst evading metabolic degradation. Consequently, there is increased demand for incorporating synthetic α -amino acids into drug molecules. Hydantoins are precursors to synthetic α -amino acids. Using various synthetic transformations, hydantoins can be deprotected to obtain the corresponding α -amino acid. However, there are currently no chemical procedures that enable this racemisation-free. This thesis investigated methods to transform enantioenriched hydantoins into α -amino acids, racemisation-free.

Gboyega Stephen Awoku

The insect pollinators of Mambilla Plateau subsistence farmlands, Nigeria

This study established the first taxonomic checklist of flower-associated insects, classified them into pollinator groups, examined the influence of landscapes, crop types, and temporal variations on pollinator communities, and estimated the pollination effectiveness of pollinator groups within subsistence farmlands of the Mambilla Plateau, Nigeria. Hymenoptera was the most diverse order, while the proximity of farms to forests supported the most diverse

pollinator communities. Bees, particularly honeybees and other bees (solitary bees), were the most effective pollinators, contributing 86% of single-visit pollen deposition. These findings reveal the importance of conserving pollinator communities to sustain food security in sub-Saharan Africa's subsistence farming systems.

Mehdi Bashiri

Post-Earthquake Decision Criteria for Steel Structures

This study combined experimental testing and finite element modelling to improve ductile fracture assessment and remaining earthquake life evaluation of structural steel elements. The Improved Jia model was calibrated and validated for welded connections, universal columns, and EBF links, providing reliable fracture initiation predictions. Tests showed that local buckling modes strongly influence fracture behaviour, while strain aging increases strength but reduces ductility, enhancing fracture life at low strains and reducing it at high strains. Practical fracture curves were effective in ductile fracture assessment of structural steel members. A methodology for estimating post-earthquake fracture life of EBF links was proposed.

Michelle Alexander Beauchamp

Connected by colour: a phenomenological study of the learning experience of piano students reading coloured music notation

This qualitative phenomenological study used an auto-ethnographic and action research design to record the lived experience of neurotypical and neurodiverse piano students learning to read music notation in the context of a private piano lesson, with the researcher as the colour grapheme synaesthete music teacher. The findings indicate that colour is an effective pedagogical and learning tool for reading, decoding and processing written information. The results of this study contribute the under-represented student voice to the growing body of scientific research in the areas of literacy acquisition and education, with particular relevance to neurodiversity, music education, synaesthesia and pedagogy.

Alexis Caroline Blackie

Development of Selective Inhibitors of the Splicing-Associated Kinase CLK4

The ubiquitous protein CLK4 has recently been linked to splicing in metastatic triple-negative breast cancer (TNBC), which is notoriously difficult to treat with existing methods. The natural product-inspired compound azaquindole-1 is known to inhibit CLK4 and seven other kinases *in vitro*, so a range of variant azaquindoles were designed, synthesised, and screened for activity against CLK4 and other off-target kinases. Several compounds show unprecedented selectivity for CLK4 and may therefore be useful chemical probes for this protein, which will allow us to learn more about its roles in both healthy and cancerous cells, paving the way for TNBC drug development.

Ehsan Bojnordi

Enhancing Social Learning in Active Video Watching via Adaptive Comment Recommendations for Online Software Engineering Education

Video-based learning has become central to modern e-learning, where Active Video Watching (AVW) significantly influences learning outcomes. This thesis investigates how to enhance social learning in AVW through peer comment reviewing. It introduces Adaptive Comment Reviewing (ACR), a personalized approach using an ontological learner model and a recommender system to deliver peer comments tailored to individual learners' conceptual knowledge levels. Two versions of ACR were evaluated: one without explanations and another with visual and verbal explanations to improve transparency. Experimental studies demonstrated that ACR significantly increased learner engagement and learning outcomes, while identifying behaviors driving higher learning gains in AVW.

Trudy Lena Caljé Van Der Klei

Personalising Respiratory Care: Patient-Specific Model-Based Methods to Optimise Ventilatory Support in the ICU

This research investigates the respiratory mechanics in patients requiring mechanical ventilation (MV) in the ICU. Current methods for managing ventilator settings use generalised protocols based on population data. Doing so increases the probability for further complications such as ventilator induced lung injury as a result of inadequate delivery of ventilation therapy. If MV setting and monitoring were delivered using personalised methods, patient outcomes would significantly improve overall. In this research, model-based methods were investigated to predict patients lung mechanics at a variety of MV settings and modes. Allowing a personalised approach to identifying optimal ventilator settings and monitoring for the patient.

Rafaella Elisa Canessa Figueroa

Planning Aotearoa New Zealand's Net-Zero Energy System: High-Resolution Multi-Energy Optimisation of Transition Pathways with Future Fuels

Aotearoa New Zealand currently relies on imported fuels for transport and industrial heat, despite having abundant renewable energy resources. This thesis develops REMix-NZ, an energy system optimisation model, to explore how the country's energy supply for power, heat, and transport could evolve towards net-zero emissions by 2050. It investigates how technology adoption, such as electric vehicles and heat pumps, and fuel switching towards electricity and synthetic fuels, could reshape national energy demand. These alternative demand scenarios are then translated into cost-optimal infrastructure and dispatch strategies, revealing which investments, including renewables, storage, and synthetic fuel production, remain valuable regardless of how demand evolves.

Ke Chen

Supporting International Students' Wellbeing: An Exploration of Informal Networks on Social Media

This thesis investigated how Chinese International Students (CIS) used WeChat to navigate their academic and social transitions in New Zealand. Using the theories of Communities of Practice (CoP) (Wenger, 1998) and Ryff's (1989) six dimensions of well-being, the analysis demonstrates how CIS use WeChat to build and join communities (including CoPs), which provide informal avenues for them to seek culturally familiar support and develop knowledge to navigate academic and social transitions in New Zealand. This thesis concludes by outlining implications for institutions looking to improve their strategies for supporting CIS well-being.

Xiaoxiao Chen

Understanding and Promoting High-Impact Climate Action: Psychological and Communicative Perspectives

Climate change requires urgent mitigation through high-impact actions like sustainable transport and plant-based diets, yet the psychological and communicative drivers of these behaviours remain incompletely understood. This thesis uses a multi-method, cross-cultural approach to examine these processes. It identifies distinct engagement profiles among Chinese and New Zealand young people, demonstrates that values and anticipated emotions jointly shape intentions with cross-national differences, and shows that specific linguistic features in video messages differentially influence dietary motivation across audience segments. These findings reveal culturally contingent psychological pathways and audience-specific communication effects, informing targeted strategies to promote meaningful climate action.

Lev Chernyshev

On Improving the Simulation of Hydrodynamic Forces acting on Hydrofoils

Hydrofoil-equipped watercraft are becoming increasingly popular in the maritime industry because they can lift a vessel above the water, improving speed, efficiency, and comfort. Designing hydrofoils is challenging because the flow around them is complex, involving waves, spray, and interactions between air and water. This research improved computer simulation methods used to predict hydrofoil performance, making them both more accurate and more efficient. These advances provide engineers with practical tools to design and optimise hydrofoil systems for future recreational and commercial vessels.

Nicolas Allister Cairns Davey

Minimal, Model-Based Methods for Cardiovascular System Identification and Analysis

Deborah Marie Donaldson

*Ngā Hoe Reo, Kia Whakatere i te Waka
Navigating the journey: The value-creation stories of teachers' experiences of learning te reo Māori and using te reo Māori in their educational settings*

This thesis explores teachers lived experiences as learners and users of te reo Māori in mainly English-medium education settings. Despite ongoing national commitments to te reo Māori revitalisation, many teachers continue to navigate complexity in developing the knowledge, confidence, and practice needed to integrate te reo Māori meaningfully. Drawing on narrative inquiry with 14 teachers across early childhood, primary, and secondary contexts, this study examines how value is created through engagement in social learning spaces. Guided by Wenger-Trayner's value-creation framework, the findings highlight the importance of mentoring, collective learning, and intentional navigation, culminating in the development of the conceptual framework Toia Mai te Waka.

Phillip James Steven Duncan-Gelder

The development, validation, and applications of a novel MRI simulation framework for contemporary research

This thesis introduces PhoenixMR, a computer tool designed to accelerate MRI research, improve accuracy, performance and flexibility. It enables researchers to recreate and test detailed MRI scans without relying solely on costly scanner time or simplified models. The work showed that PhoenixMR produces highly accurate results while completing complex

simulations in minutes rather than days. It was used to study temperature monitoring during radiation treatment and how electrical interference affects image quality. By making advanced MRI simulation accessible, PhoenixMR provides a foundation for improved imaging research, education, and future technologies that may support safer, more precise patient care.

Augustus William Ellerm

LivePublication: A Framework for Enabling Rich and Evolving Publication Containers with Maturing eScience Technologies

The digitalisation of science has made research “Born Digital”, yet publication formats remain static, narrative-only accounts ill-suited to transparency and reproducibility. This dissertation introduces LivePublication: a publication container generated from, and synchronised with, the artefacts of Born Digital research. It binds a computational experiment to an article's text, figures, and claims, so the narrative is (re)generated as experiments evolve, making reproducibility the default. Demonstrated with a coastal remote-sensing case study, the research shows the eScience stack can already support live publications given machine-actionable provenance, a standard experiment-publication interface, and a dynamic narrative framework.

Mohammad Eskandarighadi

2D site response modeling with consideration of soil heterogeneity, non-vertical incidence and spatially-varying input motions

This thesis develops and evaluates a two-dimensional finite-element site response framework for Treasure Island to investigate soil heterogeneity, non-vertical wave incidence, and spatially varying input motions. Model results are compared with empirical transfer functions from the Treasure Island Downhole Array.

The analyses indicate that one-dimensional approaches can underpredict higher-frequency amplification and overlook resonance peaks. Random fields capture variability associated with shear-wave-velocity heterogeneity, while non-vertical incidence improves agreement with low-frequency empirical trends. Spatially varying motions introduce further variability, particularly near the fundamental mode, but at greater computational cost. Overall, the findings emphasise balancing model complexity with site-specific geological and seismological conditions.

Rosemary Wren Alisdair Findlay

4-dimensional elation Laguerre planes with 9-dimensional automorphism groups

4-dimensional elation Laguerre planes with automorphism groups of dimension 10 or greater have been classified. This research investigates 4-dimensional elation Laguerre planes with 9-dimensional automorphism groups and finds that all such planes have a fixed parallel class. This fixed parallel class can be used in order to construct elation Laguerre planes from dual translation planes. We use this method to restrict the affine planes that can be found as derived planes at points of the fixed parallel class and thus outline a path to a classification.

Jia Hao Foong

Intensive, App-based Swallowing Skill Rehabilitation for Post-stroke Dysphagia in the Community

Swallowing impairment after stroke, or post-stroke dysphagia (PSD), poses a significant financial burden on the community health system. Given the existing challenges in healthcare management (e.g., workforce and logistical barriers), this thesis implemented a randomised controlled trial to investigate the effectiveness of an app-based swallowing

skill intervention for stroke patients newly discharged to the community. The impact of this novel intervention on swallowing outcomes, health economics, and end-user experience was examined. Findings from this thesis contribute to the understanding of dysphagia recovery after stroke, mobile health technologies, and the expansion of rehabilitation options for stroke patients in the community.

Tara Aubrey Forstner

Back to the future: A cultural lens on groundwater hindcasting for resilient restoration

Groundwater depletion since European settlement has profoundly affected Indigenous communities worldwide, yet its extent remains understudied. This thesis advances groundwater hindcasting (predicting past conditions) to reconstruct historical groundwater-surface water interactions at Te Waipuna o Hinetemoa, a culturally significant spring in Pakipakitānga o Hinetemoa, Heretaunga Plains, Aotearoa. We examine the spring's current and historical states and the role of groundwater in sustaining bathing and customary dyeing with *paru*, an iron-rich mud. Findings show unique groundwater properties shaped by local geology. Reconstructing pre-European conditions reveals how settler land conversion and surface-water diversions reduced spring flows and disrupted *paru* deposition, grounding future restoration.

Moeen Gholami

Greywater Treatment Enhancement in Green Wall Systems Using Modified Waste Materials

This research developed a hybrid green wall system to improve decentralized greywater treatment using modified waste-derived materials. Calcinated kina shell and ZnCl_2 -activated apricot stone biochar were engineered to enhance the removal of

phosphorus, nitrogen, organic matter, and surfactants. Integrated as post-treatment media, these materials significantly improved pollutant removal while maintaining treatment performance under varying hydraulic loads and drying conditions. The system also demonstrated the beneficial role of *Carex secta* in supporting resilience. The findings provide a sustainable, circular economy approach for on-site greywater reuse and advance nature-based solutions for urban water management.

Anthony John Gillis

Connecting with neighbours - the effects of environment, space and foundation species on species interactions, network assembly, and community structure

Species interactions, the infrastructure upon which communities and networks form, and their modulation by environmental conditions have been studied extensively in ecology. Despite this concentrated effort, gaps remain regarding the roles by which key species can control diversity and how the environment regulates assembly. To address these gaps, this thesis examines the empirical support for keystone predation, a widely cited indirect interaction, how co-occurring environmental factors change coastal network assembly in Te Ihutai/Avon-Heathcote estuary, and the consequences of reduced co-occurring foundation species richness on algal and macroinvertebrate diversity in rocky intertidal habitats, follow extreme events (e.g., earthquake, marine heatwaves).

Thomas Robert Gilmour

“Not Worth the Parchment on Which it was Written”? An Examination of Ngāi Tahu Deeds of Purchase and Claims Over Freshwater

Following the signing of the Treaty of Waitangi, the Crown pursued a policy of acquiring Māori land through deeds of purchase. While New Zealand histories commonly emphasise the Treaty and juxtapose Māori and the Crown within national narratives, this approach risks producing normative interpretations that obscure local nuance. Focusing on the Ngāi Tahu deeds signed between 1844 and 1864, particularly Kemp's Deed, this thesis examines the exercise of customary authority over freshwater. It argues that Ngāi Tahu continued to assert authority over freshwater, using the deeds to navigate colonisation and respond to evolving legal and political frameworks.

Mackenzie Liam Greenslade

Everyday Objects as Interaction Devices for Augmented Reality Games

Using modern Augmented Reality (AR) displays everyday objects can be transformed into virtual game elements to create novel experiences that capture the player's imagination. The work presented in this thesis takes a user-centred approach, utilising quantitative and qualitative data, across three main studies to answer: How will players inform the design of AR games where everyday objects are transformed into virtual game objects? Beyond answering this question, the thesis provides a framework for designing AR games using everyday objects, several design recommendations across the framework and poses questions for several avenues of future work.

Mbangu Tambwe Gregoire

Enabling Smart Safe Manufacturing: Development of systems for predictive modelling and optimisation of physiological stress of machine operators

Occupational safety and operator well-being in machining are challenged by noise, vibration, and physiological stress. This research developed a human-centric framework to predict and optimise operator responses during milling operation by integrating system dynamics, statistical modelling, neural networks, evolutionary optimisation, and multimodal physiological monitoring. Results demonstrated that vibration was the primary determinant of operator stress, while data preprocessing improved predictive reliability. A Jordan Simple Recurrent Neural Network achieved the highest heart rate prediction accuracy, and an Artificial Immune System identified machining conditions that best balanced safety and productivity. The proposed framework provides a practical approach for improving operator well-being while maintaining manufacturing performance in smart manufacturing.

Di Guan

Experimental Investigations on the Stall and Stability Prediction and Enhancement in Low-Speed Axial Compressors

This thesis presents an experimental study on stall prediction and stability enhancement in low-speed axial compressors, with a focus on improving the safety and reliability of aero-engine operation. Through tests on several compressor rigs under uniform and distorted inflow conditions, advanced signal-processing methods were used to identify early stall indicators. The study reveals how inlet distortion affects compressor stability and demonstrates that tip air injection can delay stall and improve warning capability. These findings contribute to the development of safer, more efficient, and more stable compressor systems.

Baptiste Victor Hamon

Assessing Climate Change Impacts on Agricultural Land Suitability

Climate change is transforming agriculture, threatening food security by altering growing conditions. This research advances Land Suitability Analysis (LSA) to assess climate impacts on agricultural land. This work proposes a novel LSA framework addressing critical methodological gaps, assesses agricultural land suitability and uncertainty for a wide range of crops in New Zealand, and explores the land suitability sensitivity to climate indicator thresholds, crop phenology, and climate data resolution. Practical contributions include LSAPy, an open-source Python library for LSA workflows, and the New Zealand Land Use Suitability Database (NZLUSDB), offering actionable insights for policymakers to design sustainable adaptation strategies.

Chunyu Han

The Relationship Between Employment Law and Domestic Violence in New Zealand

New Zealand adopted the Domestic Violence-Victims' Protection Act 2018 to provide employees affected by domestic violence with employment entitlements. Applying a feminist lens, this research conceptualised domestic violence as a workplace issue by shaping it as a form of gender discrimination at work. While the Act was designed to protect employees from domestic violence, it is embedded within productivity-oriented employment law and reinforces the public/private divide. By examining the rationales underpinning the development of employment law in addressing domestic violence, this thesis answers the question: Does the Domestic Violence-Victims' Protection Act 2018 really protect the victims?

Teena Miri Henderson

Tūhuru Puna Ako, Education for Ngāti Waewae: People, Place and Purpose

This thesis examines how the environment and histories of Te Tai Poutini shape Ngāti Waewae identity, belonging, and educational experiences. Using Kaupapa Māori, autoethnography, grounded theory, community-based participatory action research, interviews, and survey data, it centres whānau voice and local knowledge. Findings show that mana motuhake, connection to place, and reciprocal relationships are essential to Tiriti-honouring education. Locally grounded curricula can strengthen identity, belonging, and community wellbeing, while national staffing, governance, and policy structures may restrict local autonomy. The thesis offers a framework linking place, power, partnership, and education, alongside practical principles for community-embedded schooling that recognises mana whenua authority.

Tudor Hnat

Soil-Structure Interaction Modelling Practice in New Zealand

This thesis investigated soil-structure interaction (SSI) modelling in New Zealand through an industry questionnaire and nonlinear time-history analyses of four reinforced concrete moment-resisting frame buildings using seven soil-foundation models of increasing complexity. The findings showed that engineering practice largely relies on fixed-base analysis, while spring-based models are applied inconsistently because of limited guidance and training. Further comparative assessments found that simplified SSI models are useful only when dynamic stiffness values are used, and that industry assumptions can adversely affect system demand and fragility. A practical modelling hierarchy was proposed to identify when SSI effects are likely to influence system performance.

Behrang Ijadi Besheli

An AI-based Model for Managing a Smart Seafood Supply Chain

Seafood supply chains face significant challenges due to demand uncertainty, product perishability, and operational inefficiencies, leading to food waste, unmet demand, and reduced profitability. Using Design Science Research, this study develops two artifacts to explore the role of Artificial Intelligence (AI) in seafood supply chain management. The first artifact combines a mathematical model with Deep Reinforcement Learning to optimize inventory and operational decisions. The second artifact is a System Dynamics model based on the EFQM Excellence Model to support strategic AI adoption. Results show that the AI-based approach improves profitability and operational performance while supporting organizational excellence and informed decision-making.

Pooja Immattiparambil Baburaj

From Open Data to Urban Causality: Causal Inference Toolkit with SDMX-Inspired Approach for an Urban Analytics Platform

Urban open data platforms predominantly support data access and visualisation but provide limited capability for uncovering causal relationships underlying urban phenomena. This thesis develops a comprehensive framework for causal inference using urban open data. It introduces an extended SDMX-based data model and converter that standardises heterogeneous datasets while preserving causal metadata required for robust analysis. The research investigates data requirements affecting causal validity and applies machine learning and causal discovery techniques to identify cross-domain relationships within urban systems. The resulting Causal Inference Toolkit and Integrated Data and Knowledge Web establish a scalable Urban Causal Data Hub for evidence-based planning and decision-making.

Amy Maree Kaukau

Exploring Mātauranga Māori in Bicultural Physical Education: He Awa Whiria (a Braided River Approach)

This thesis examines how mātauranga Māori can lead the design, purpose, and pedagogy of bicultural Physical Education (PE) in English-medium schools in Aotearoa New Zealand. Guided by Kaupapa Māori Theory, Critical Theory, and He Awa Whiria, it explores how Māori Knowledge Leaders and PE teachers co-design and enact braided approaches that position mātauranga Māori and Western knowledge in ethical relationship. Findings show that authentic bicultural PE begins with te taiao and whakapapa, with teacher enactment shaped by personal and systemic factors. The thesis offers a practice-tested model to support Tiriti-honouring curriculum design, professional learning, and educational policy.

Vanessa Rae Kennard

Nutritional stress and trophic ecology of the Australasian bittern | Matuku-hūrepo (Botaurus poiciloptilus) and king shag | Kawau pāteketeki (Leucocarbo carunculatus).

The Australasian bittern | Matuku-hūrepo (*Botaurus poiciloptilus*) and king shag | Kawau pāteketeki (*Leucocarbo carunculatus*) are two species native to New Zealand which have undergone significant population declines in recent years. Changes in prey dynamics and accessibility to food is speculated to be a cause of decline in both species. In this thesis ptilochronology, stable isotope analysis and compound-specific isotope analysis is used on feathers from bitterns and king shags spanning in dates over the past ~140 years to investigate levels of nutritional stress and differences in trophic positions over time (temporal variation) and between contemporary colonies (geographic variation).

Gregory Allen King

Enhancing Pace Bowling Speed from a Strength Perspective: A Mixed Method Approach

This thesis investigated physical determinants of bowling speed. A Delphi survey identified fast stretch-shortening cycle, early rate of force development, and eccentric strength as critical qualities. Cross-sectional studies of elite adults and junior players revealed that relative force at 150ms and jump height significantly predict peak bowling speed, while longer take-off contact times negatively impact it. A six-week intervention combining general and specialised strength training led to significant strength adaptations and a ~3% increase in bowling speed, validating an empirical preparation framework.

Hilary Jane Kingston

Teaching for Equity: Secondary Pre-service Teachers' Beliefs and Understanding of Equity

This doctoral thesis explored how secondary social science pre-service teachers in Aotearoa New Zealand understood and enacted equity during their initial teacher education (ITE) programme. Drawing on interviews, think-aloud recordings, and focus group activities, the study examined how understandings of equity evolved over time. Findings indicated that participants' pre-existing ideas about equity were shaped by their experiences of secondary schooling and by key experiences as beginning teachers. During their ITE year, participants developed self-determined spheres of influence, enabling them to begin addressing equity within practicum classrooms. The findings offer insights into pre-service teachers' aspirations, commitment, and pathways to equity-oriented practice.

Milad Lezgi

Utilisation of High-Density Eucalyptus Timber Species in Mass Timber

Eucalyptus bosistoana (coast grey box) is a high-density hardwood species grown in New Zealand plantation trials, offering exceptional strength and natural durability. This thesis investigated its potential for mass timber construction through five interconnected studies: mechanical property characterisation, dowel embedment behaviour, cross-laminated timber (CLT) bonding performance, torsional and in-plane behaviour of dowel cross-laminated timber (DCLT) panels. While its adhesive bonding proved challenging, DCLT, as an adhesive-free system connecting orthogonal laminates with hardwood dowels, demonstrated promising structural performance. The findings provide a comprehensive characterisation of *E. bosistoana* from material properties to panel-level performance, establishing a foundation for the structural use of high-density hardwoods.

Jinjiang Liu

Numerical reservoir modelling of underground hydrogen storage operation in the depleted Ahuroa gas field, New Zealand

This thesis assesses the feasibility of underground hydrogen storage (UHS) in New Zealand using numerical simulations based on a geological model of the Ahuroa gas field. It aims to: (1) evaluate the effects of operational parameters on bottom-water invasion; (2) determine how permeability anisotropy influences hydrogen recovery and well design; and (3) assess the capacity of UHS to mitigate renewable electricity variability under different New Zealand energy scenarios. The findings provide a basis for more reliable site evaluation, operational design, and integration of UHS into New Zealand's future renewable energy system.

Yi Liu

Nonlinear Gaussian filtering and smoothing with tracking applications

This thesis focuses on nonlinear state filtering and smoothing. Natural gradient descent (NGD)-based variational Gaussian filters (VGFs) under three parameters are established for achieving nonlinear state filtering. An optimal backward-time multiple-model smoother is derived and a suboptimal multiple-model smoother for jump Markov nonlinear systems is proposed to improve robustness. Numerical issues arising when computing two Gaussian densities are addressed by employing algebraic approximations and an approximation based on Kullback-Leibler divergence (KLD) minimization.

Ran Lu

New Challenges for EU Norms: A New Framework for EU Human Rights Analysis

This thesis examines whether human rights continue to reflect the EU's identity in the current context, in which the EU has confronted persistent crises and new challenges. It proposes a new analytical framework to address a theoretical gap in the literature on EU normative power: the limited study of how norms themselves change over time. Through the lens of sub-norms, the thesis demonstrates that EU human rights have changed and are undergoing changes in response to evolving contexts; crises and challenges have brought about changes in EU human rights; and human rights continue to reflect the EU's identity in the post-Lisbon era.

Harrison John Mander

Towards Minimally-Invasive Screening of Aspiration Pneumonia: Portable Device Development, Physiological Data Segmentation, and Anomaly Detection

Aspiration pneumonia is a lung infection that is common in elderly and neurological patient populations. This thesis developed methods for the automated screening of two key risk factors for aspiration pneumonia: weakened cough and disordered swallowing. A device for measuring these signals was developed and validated. Machine learning and signal processing techniques were applied to the data collected by this device to develop a system for the automated detection and classification of swallowing-respiratory coordination, and to train an anomaly detector for cough airflow and audio signals. Together, this work lays the foundation for an accessible bedside screening system.

Dougal Peter McEwen Mason

Performance of rock slopes and fill embankments in the 2016 Kaikōura earthquake and lessons for infrastructure resilience

This thesis examines slope failures triggered by the 2016 Kaikōura earthquake and their effects on transport corridor resilience. Landslide investigations and slope analyses were used to understand slope response to strong ground shaking, failure mechanisms, and infrastructure damage. The greatest disruption occurred where landslide debris inundated narrow road and rail corridors, with local site-scale impacts controlling wider corridor access because of steep terrain, weak rock masses, and limited redundancy. The findings show that proactive measures to resist slope damage, restore functionality quickly, and ensure good redundancy in the wider network are vital to enhance the resilience of hazard-prone infrastructure corridors.

Connor Callahan Melton

An Accessible Fabrication Method for Graded Stiffness Heel Pads to Improve Plantar Heel Pain Comfort

Plantar Heel Pain is one of the most common causes of foot pain. This research developed a low-cost and skill fabrication method of silicone heel pads with internal lattice structures to improve comfort and reduce pressure beneath the heel. Different lattice designs were evaluated using mechanical testing and criteria specific to the sacrificial moulding manufacturing method to identify the best-performing structure. Two human studies assessed the heel pads through in-shoe pressure mapping and comfort evaluations in both healthy participants and people with heel pain. The findings demonstrated an accessible approach for developing effective, customisable orthotic devices for future clinical use.

Misha Tariq Mirza

Augmented reality games for disaster risk reduction

This research explores the use of augmented reality (AR) games to improve natural disaster preparedness and risk awareness. The study begins with a review of literature on climate change communication, risk perception, and disaster preparedness, alongside a sentiment analysis of climate change discussions on Twitter in Pakistan and New Zealand. These findings inform two user studies. The first investigates how time pressure and distractions affect willingness to act during simulated emergencies. The second compares first-person and third-person perspectives in an AR flash-flood scenario. Results suggest AR games can enhance situational awareness, response efficacy, and proactive disaster preparedness behaviors.

Averill Lilian Moser-Rust

Behavioural investigation of the processes underlying visually based decision-making in jumping spiders

Attention determines which information is sampled, evaluated, and acted upon. Jumping spiders are a powerful model for investigating these processes because of their modular visual system. In *Trite planiceps*, shape-based biological relevance did not sustain attention during orientation, while fixation time reliably tracked preference during evaluation. Preferences shifted with prey identity, size, and risk-related cues, but were only expressed on the left side. In contrast, spiders oriented faster towards stimuli on the right side. These findings suggest that visually based decision-making occurs in stages, with orienting, visual inspection, and commitment to action representing dissociable components that can be differentially lateralised.

Ha Linh Nguyen

Inerter-Based Seismic Metamaterials for Attenuation of Low-Frequency Seismic Waves

Low-frequency seismic surface waves and vertically propagating shear waves can cause severe vibrations in buildings. This research develops novel inerter-based seismic metamaterials that achieve practical low-frequency attenuation without the large dimensions or massive resonators required by conventional designs. Three configurations are investigated: a resonant metamaterial with consecutive flywheel inerters, an inerter-enhanced trench-based seismic metamaterial in soils with multiple impedance contrasts, and a multi-frequency resonant metamaterial with unit cells tuned to different frequencies. Results demonstrate attenuation between 0.5-10 Hz, effectiveness in multi-layered soils, and performance under soil nonlinearity and frequency shifts. These advances strengthen the feasibility of practical low-frequency seismic mitigation.

Trung Tin Nguyen

How Are Consumers' Experiences with Original Entertainment Content Affected by Its Relationships with Derivative User-Generated Content?

This thesis investigates how derivative user-generated content (UGC), such as recap and reaction videos, shapes consumers' experiences with original entertainment content. The thesis comprises three interrelated studies. Study One identifies core gratifications driving user-generated video engagement via a systematic review and meta-analysis. Study Two examines switching from cinema-going to recap consumption using the Push–Pull–Mooring framework. Study Three applies repeat consumption theory to demonstrate how reaction videos socially scaffold and augment original content enjoyment. Together, the studies propose a derivative–original typology, offering content producers and platforms actionable strategies for managing derivative UGC across genres and consumer segments.

Antony Iorwerth Nihoniho

Whenua Ora: Establishing Collective Wellbeing through Land Relations

Using the lens of whenua relationships, this thesis extends understandings of the compromises to wellbeing caused by colonial capitalism. Recent scholarship has identified the introduction of the capital relation as decisive in the colonisation of Aotearoa New Zealand. Previously, loss of wellbeing for Māori has been blamed on racist logics. Citing colonial capitalism does not replace these narratives but holds debilitating capitalist imperatives accountable. This research highlights the additional straining of spiritual relations and articulates *the whenua relation*, constructed from interviews with Māori and Ngāi Tahu, that must be maintained by resurgence efforts to sustain collective wellbeing.

Heeseong Noh

Essay on SPAC Merger Firms and Stock Performance

This thesis examines the relationship between SPAC (Special Purpose Acquisition Company) merger firms and stock performance. The concept of information credibility is specifically utilised to explain the reasons for their underperformance. The first chapter focuses on earnings credibility using Post-Earnings Announcement Drift. The second chapter employs managerial information hoarding surrounding the effective date. The third chapter analyses information uncertainty and momentum effects in SPAC merger firms. Overall, this thesis contributes to existing literature by providing empirical evidence for the underperformance of SPAC merger firms based on three different dimensions of information credibility.

Vimesh Paudel

Structural Performance of a Multi-panel Cross Laminated Timber Wall System

This thesis investigates the structural performance of radiata pine cross laminated timber (CLT) panel-to-panel spline connections for seismic applications. Experimental testing compared central and surface spline configurations, fastener types, spline materials, and repair strategies under monotonic and cyclic loading, supported by finite element modelling. Central spline connections achieved substantially higher strength and stiffness, while birch plywood splines provided the best overall performance. Damaged connections with limited timber damage recovered up to 100% of their original strength and stiffness after repair. The findings improve understanding of CLT connection behaviour and support resilient, low-damage mass timber design for future earthquake-resilient buildings worldwide.

David Owen Pedley

Urban Trees and Housing Intensification: A Spatial Conflict?

Urban trees and housing are both essential to liveable cities — but what happens when they compete for the same space? As cities intensify, trees are increasingly vulnerable to redevelopment pressure. This research investigates how housing intensification affects trees in Christchurch, New Zealand, using aerial imagery, LiDAR, and deep learning to map canopy loss at the property scale between 2016 and 2021. Intensification drives tree loss, but impacts vary across redevelopment forms, and substantial loss occurs on properties never redeveloped. Surveys and interviews with developers and local government expose mismatched priorities and reveal strategies for cities to grow alongside their trees.

Thi Thu Huong Pham

The role of tax professionals in corporate taxpayer compliance – A comparative empirical study of New Zealand and Vietnam

This study examines the role of tax professionals in corporate taxpayer compliance and the factors influencing their professional judgment in Vietnam and New Zealand. Drawing on Role Theory and Organisational Role Theory, it uses qualitative interviews with tax professionals and tax authority representatives. The findings show that tax professionals in both countries hold similar perceptions of their roles and influence taxpayers by presenting compliance options with associated risks and benefits. The study confirms their dual role as both promoters of tax compliance and, at times, facilitators of aggressive tax positions, shaped by legal, institutional, client, and ethical factors.

Andrea Pozo Estivariz

Advancing methods of rapid flood risk assessment using climate informed hybrid approaches of hydraulic modelling and machine learning

Flooding is one of the most damaging natural hazards worldwide. Climate change is expected to increase the frequency and severity of flood events, making effective flood risk management more important than ever. This thesis developed innovative, robust, and computationally efficient methods for flood risk assessment. By combining statistical analysis, machine learning, and hydraulic modelling, this thesis provides tools to rapidly and accurately evaluate flood likelihood and magnitude. These tools support infrastructure design, urban planning, ecosystem protection, early warning systems, and long term decision making under changing environmental conditions.

Katherine Mary Revell

Student engagement in the Year 7 and 8 performing arts classroom

This research examines student engagement among 10–13-year-olds in compulsory performing arts education in Aotearoa New Zealand. Motivated by practitioner concerns about low engagement in dance, drama and music classrooms, the study explores how students and teachers understand engagement, what influences it, and how it can be enhanced. An action research approach was used, with 49 students and seven teachers collaborating in cycles of planning, action and reflection. Findings identify emotional safety, student agency, learning-task design and external influences as key influences on engagement. Effective strategies include supporting creative risk-taking, strengthening relationships, and adopting responsive, student-centred teaching.

Holly Anne Richardson

From the Outside In: Importation Perspectives on Prison Misconduct Trajectories

Violence in prison is a persistent challenge, yet its conceptualisation and measurement remain inconsistent. This thesis addressed these issues through a literature review of definitions, measurement approaches, theoretical perspectives, and the application of Group-Based Trajectory (GBT) modelling. Guided by an integrative framework combining Importation and Developmental and Life-Course theories, five longitudinal studies examined violent misconduct across varying incarceration periods. Four distinct trajectories consistently emerged: stable low, persistently high, desisting, and escalating violence. RoC*RoI scores, gang affiliation, and violent offending were the strongest predictors of trajectory membership. A pronounced peak in misconduct during the first month of incarceration was identified, with remand status increasing early misconduct risk that diminished over time.

Joel Christopher Schuurman

Electrochemical Investigation of Metal-Halide Perovskites on FTO and Carbon

Metal-halide perovskite solar cells have undergone an immense research effort over the last decade due to their superior photovoltaic properties and low fabrication costs. However, further improvements can still be made to the cell design and the tools used to investigate cell properties. Consequently, we developed new photovoltaic electrode layers using modified graphene sheets or pyrolyzed photoresist films replacing conventional perovskite electrode layers. The perovskite-electrode interface was characterised using a solution electrochemical method designed specifically for use with this system finding notable improvements in interfacial adhesion and perovskite film quality when depositing the perovskite layer onto pyrolyzed photoresist films.

Jennifer Pearl Smith

Tē toia, tē haumatia: Cultural safety for Māori teachers

This research explored what it takes to create cultural safety for Māori teachers in Aotearoa New Zealand. The study highlighted barriers affecting Māori teachers and the impact on their wellbeing and professional lives. It shows that cultural safety is created through systems, structures, leadership, workplace culture, relationships, and everyday practices within schools, creating environments where Māori teachers feel valued and empowered to make meaningful contributions. By identifying ways to strengthen cultural safety, this research contributes to an education sector where Māori teachers are recognised, supported, and retained in the profession, benefiting learners, schools, and communities in Aotearoa New Zealand.

Lachlan Olliver Smith

Development of Reliable and Efficient Computational Methods for Modelling Protic Redox Reactions

Redox flow batteries are an emerging technology capable of storing renewably generated power but currently suffer from relatively low energy densities. Organic molecule-based batteries promise strong development potential: they are abundant, sustainable, and can be tuned to improve their redox potentials and solubilities. However, discovering and/or developing appropriate candidate species experimentally is expensive and time-consuming, motivating the development of reliable computational methods for predicting protic redox potentials to facilitate computational pre-screening. This thesis describes the application of density functional theories to predict redox potentials and identifies molecules with suitable energy storage characteristics to be further developed into flow battery electrolytes.

Dael Shirley Summerhays-Sunnex

Affect-Driven, Feedback-Controlled Digital Avatar System for Therapeutic Roleplay in Autism-Focused Contexts

Autistic individuals often face significant barriers to accessing clinically proven and neurodiversity-affirming therapeutic support, creating demand for a scalable and accessible complement to existing therapies. This research develops and evaluates a multimodal affective computing system, which combines facial, vocal, and physiological sensing with machine learning to estimate users emotional state. A hyperrealistic digital avatar is used in conjunction with feedback control to administer and modulate therapeutic activities in real time, allowing for personalised care that is able to adapt to the needs of the individual.

Nicole Jieyi Tan

TNOs and u: exploring the outer Solar System in the near-ultraviolet

Trans-Neptunian Objects (TNOs) preserve the chemical and dynamical signatures of the early Solar System, yet their reflectance properties in the near-ultraviolet (near-UV) remain largely unexplored. This thesis presents the first comprehensive near-UV survey of TNOs. Over six years, the survey used the Canada-France-Hawaii Telescope (CFHT) to obtain 73.6 hours of near-UV data using the broadband u filter covering 163 unique objects. These results allow investigation of UV-optical-near-infrared colour relationships, the behaviour of cold classical TNOs in the UV, and the identification of outliers that challenge current surface-composition models.

Julia Guadalupe Torres Ventura

Enabling Community Territorial Autonomy? Lessons from the Atrato River and the Urewera Forest Legal Personhood Arrangements

This thesis examines whether arrangements that recognise ecosystems as legal persons can support the aspirations of Indigenous peoples and Afrodescendant communities for *rangatiratanga* or territorial autonomy. Focusing on cases in Aotearoa New Zealand and Colombia, it explores how these arrangements recognise cultural relationships with land, incorporate customary law, and enable community participation in governance. Although embedded within state legal systems that often reproduce colonial power imbalances, the research shows that communities actively use these frameworks to shape territorial management. The findings indicate that legal personhood can support more inclusive and relational governance and help safeguard and advance territorial autonomy.

Eryn Helena Turner

ADHD and Self-Esteem in Adolescence Examined Across Four Study Modalities

This thesis examined how ADHD affects self-esteem during adolescence. Results showed that ADHD was associated with negative outcomes such as lower self-esteem and higher psychological distress. Additionally, findings supported the reciprocal risk model where low self-esteem and psychological distress emerge due to ADHD symptoms and are reciprocally related to each other. An examination of momentary self-esteem and mood as a function of daily activities revealed that individuals with ADHD had lower momentary self-esteem and experienced more negative emotions. Notably, engagement in education, vocation, socialisation, and recreation were all associated with increases in momentary self-esteem and enjoyment for individuals with ADHD.

Prospero Alexie Uybarreta

The Development of a Piloted Aircraft Comprehensive Operability Rating Scale

The Piloted Aircraft Comprehensive Operability Rating Scale (PACORS) was developed to improve evaluations of aircraft operability/handling qualities across nominal/quasi-steady state and upset/failure-state/transient flight conditions. Through extensive literature review, focus group surveying, and modernised design, PACORS addressed limitations of the venerable Cooper-Harper Rating Scale (CHRS). By utilising flight simulator testing of three distinct vehicle types with multiple pilots flying a spectrum of landing approach scenarios, PACORS demonstrated its potential as a complete outcome structure with consistent reliability, validity, and robustness during all 129 conducted test points.

Hadi Vatankhah Ghadim

Industrial Decarbonisation: Enhanced Optimisation Modelling for Energy Hubs

Robust techno-economic evidence is essential for New Zealand's industrial decarbonisation, yet cost projections and demand assumptions often remain inconsistent or overly pessimistic. This research harmonised energy tech CAPEX/LCOE data from over 110 global studies into a granular dataset, then critically assessed electrolyser (AEC/PEM), solar, wind, and battery cost projections, revealing systematic pessimism relative to observed market costs. New Zealand's hydrogen demand potential is then quantified (2.8 Mt technically feasible; 0.24-0.77 Mt under prioritisation) across 20 applications and 16 regions. Finally these insights are applied and a cost-optimised clean aviation fuel supply chain for NZ is modelled, showing blending mandates may require an electricity demand of up to 21 TWh under partial blending scenarios.

Yue Wang

The consequences of methodological choices for research findings: applications from economics and other disciplines

This thesis examines how the choices researchers make when combining evidence can influence the conclusions they reach. Using examples from economics, medicine, and ecology, it shows that the same body of evidence can sometimes lead to different interpretations depending on how results are measured and modelled. The thesis highlights the importance of checking whether conclusions are robust to these choices. It argues that evidence synthesis should be more transparent, so that readers can better understand how research findings are standardized, compared, and interpreted.

Alexandra Hope Appleyard Watson

Cleopatra to CLEO: The Fact & The Fiction. Creating an Original Musical on the Life of Cleopatra VII, the Last Queen of Egypt

Cleopatra to CLEO investigates the creation of CLEO, an original musical that reclaims the life and legacy of Cleopatra VII for contemporary audiences, combining symphonic orchestration and poetic dialogue in a distinctive approach to contemporary musical theatre. Integrating historical research with creative practice, the project encompasses libretto development, composition, orchestration, and performance realisation. The accompanying dissertation documents how scholarship and artistry evolved together throughout the creative process. Reframing Cleopatra as a visionary queen rather than a historical stereotype. CLEO gives a new voice to one of history's most iconic and misunderstood women.

Thejani Madhuhansi Wickrama Hewage

From Personal Values to Action: Exploring Consumer Disposal Behaviour and Decisions for Circular Economy Transitions

Global household waste continues to increase, while waste management systems remain heavily reliant on infrastructure-intensive end-of-pipe solutions such as landfilling, incineration, and material recovery. This thesis addresses the limited understanding of the consumer drivers underlying disposal behaviour. Guided by a pragmatist paradigm, it integrates a systematic literature review and two Means-End Chain studies using laddering interviews. The findings provide a revised conceptualisation of disposal, identify the personal values shaping disposal decisions, reveal hierarchical cognitive structures and consumer segments, and explain both waste prevention and circular disposal choices. The thesis offers theoretical and practical insights to support circular economy transitions.

Mahathuwakkarage Ruwan Prasad Wijesinghe

A Framework to Measure Earnings Quality from Investors', Lenders' and Managers' Perspectives

This thesis defines the concept of Earnings Quality (EQ) as being latent and multifaceted in nature and therefore not possible to measure effectively using traditional methods of measurement using a single or several equally weighted proxies. The work proposes a combined measurement model for EQ by incorporating various constructs as well as gathering perceptions from different stakeholders such as investors, lenders, and managers via specially designed questionnaires. Using Partial Least Squares Path Modelling (PLS-PM) and predictive analysis, it has been shown that the proposed EQ measurement model performs better than other partial models in terms of validity, reliability, and predictive accuracy.

Kate McKergow Wislang

Sol-gel Ga₂O₃ Thin Films: Synthesis, Characterisation, and Devices

In this thesis, protocols for producing transparent and electrically conducting gallium oxide (Ga₂O₃) thin films were developed and optimised using a solution-based deposition method known as sol-gel. The characteristics of films produced using this fast and cost-effective method were compared with those made using expensive, conventional deposition techniques. The electrical properties were investigated by varying film thickness, Sn-doping, and annealing conditions. The resulting films were explored for use as Schottky diodes and ultraviolet photodetectors. Overall, this work demonstrates that sol-gel deposition can produce high-quality Ga₂O₃ thin films and highlights their potential for use in future electronic devices and sensors.

Zhaoyu Ye

Fire Performance of Seismically-Damaged Firestopping Systems

In earthquake-prone countries like New Zealand, firestopping systems may sustain damage that is not visible after an earthquake, leaving their residual fire performance uncertain when reliable compartmentation is critical for life safety. Bridging fire safety and earthquake engineering, this thesis investigates how seismic loading and resulting damage influence the residual fire performance of commonly used firestopping systems. The study combines exploratory material characterisation, over 200 small-scale seismic-fire experiments and four large-scale experiments, examining seismic displacement level, excitation speed, movement direction and fire exposure from different sides. The findings show that neither the severity of shaking nor visible surface damage alone can reliably estimate fire performance following an earthquake, informing the development of future seismic-fire assessment methods.

Tina Shoufuan Yee

Reconceptualising and Reforming New Zealand's Deportation Law

Deportation has its historical genesis in the long-standing human behaviour of exclusion and banishment. However, modern deportation systems have developed from those historical practices to the point where deportation is “governmentalised” into a “problem” to be managed by governments. New Zealand is no exception. In this thesis deportation philosophy, theory, history, and New Zealand’s current law and practice is studied. It examines whether New Zealand’s deportation law provides adequate protection to potential deportees, how might New Zealand reconceptualise deportation in order to provide a fairer system to all, and what reforms are necessary.

Mamehgo! Yousefidashliboroun

Human-Centred AI Agents for Cognitive and Psychological Dimensions of Human-Agent Teaming

This thesis investigates how human-centred AI agents can effectively support decision-making in Human-Agent Teaming (HAT). Through six interrelated studies spanning agriculture, finance, health, and resource management, this research examines the cognitive and psychological factors that shape human-AI collaboration. Findings demonstrate that team composition, trust, accountability, cognitive load, and agent behaviour significantly influence teaming outcomes. The thesis further develops and evaluates affect-aware conversational agents that adapt to users’ cognitive and emotional states. The resulting design guidelines support the development of reliable, trustworthy, and contextually appropriate AI systems that enhance human capabilities while preserving independent critical thinking.

Linna Zhang

Navigating Power Dynamics: An Analysis of the EU's Trade and Investment Relations with China 2013-2024

Trade and investment relations between the European Union (EU) and China have become increasingly shaped by concerns over market distortions, strategic dependencies, and economic security. This thesis examines why and through which geoeconomic instruments the EU recalibrated its approach to China between 2013 and 2024. Combining Neoclassical Realism and geoeconomics, it analyses three flagship policies: the FDI Screening Regulation, the Foreign Subsidies Regulation, and the Corporate Sustainability Due Diligence Directive, alongside a case study of Chinese EV and battery investments in Europe. The findings show the EU has shifted from liberal openness toward managed openness, balancing economic engagement with strategic autonomy and resilience.

YuanQi Zheng

Damping Identification from Structural Response Measurements Using Learning Assisted Operational Modal Analysis

This thesis addresses damping identification from structural response measurements using learning-assisted operational modal analysis. It examines how learning can be selectively embedded within conventional OMA workflows rather than replacing them. Learning-assisted enhancements are developed for EFDD, ERA, and SSI to reduce parameter sensitivity, improve candidate selection, and stabilise damping estimates under impulse, white-noise, and earthquake excitations. Numerical benchmarks and shaking-table experiments show improved reliability and reduced user dependency compared with conventional methods. The proposed methods are also implemented in a graphical user interface, supporting rapid damping identification and consistent method comparison for engineering applications.



The tradition of graduation

University graduation ceremonies are part of a tradition stretching back to the 12th century when the first universities appeared in Europe. Te Whare Wānanga o Waitaha | University of Canterbury, established as Canterbury College in 1873, was based on the English Oxbridge model and its graduation ceremonies follow that tradition while incorporating elements of tikanga Māori.

The first Canterbury degrees were conferred in 1878 in the Canterbury Provincial Chambers. The ceremonies moved to the College Hall, after its completion in 1882, known as the Great Hall at the original university campus, now home to the Christchurch Arts Centre.

The early graduation ceremonies, known as Diploma Days, were decorous affairs but by 1884 discordant notes sounded in the form of 'tooting on a very unmusical instrument'. Clashes between exuberant graduands and the ceremonial party developed, and capping ceremonies were briefly replaced by a college function before an agreed format was reached whereby short speeches and songs were alternated.

Graduation ceremonies were not held during the First World War but when they resumed in 1921, banter, songs and interjections interrupted proceedings and the College resorted to mailing out diplomas and arranging only a reception for graduates. By 1930 the ceremony had returned to a quieter, more orderly proceeding.

Pressure of numbers forced a move in 1946 to the Civic Theatre, the first year an academic procession through the city was held. This format continued, apart from three occasions when it was held in the St James Theatre, until 1962 when further growth of numbers prompted a move to King Edward Barracks.

In 1968 the ceremony was divided into morning and evening proceedings and in 1971 it was made voluntary.

The Christchurch Town Hall became the venue in 1973 and a further change to three afternoon ceremonies was made in 1987. Four ceremonies became necessary in 1994, growing further in 1997 to five ceremonies; four in autumn and one in summer.

Recent decades have seen a resurgence in the popularity of graduation with steadily increasing numbers of students choosing to receive their degrees in person.

As a result of the merger between the University and the Christchurch College of Education on 1 January 2007, the number of graduation ceremonies continued to increase and included one held in Rotorua.

In the aftermath of the February 2011 earthquake, the April 2011 Graduate Celebrations were held in a marquee on Ilam Fields, and then moved to Christchurch Arena. April 2019 saw ceremonies return to the fully restored Christchurch Town Hall for the first time since the earthquakes almost 10 years earlier. In 2022 graduation celebrations moved back to the then Christchurch (now Wolfbrook) Arena to allow for the growing numbers of graduates and their guests.



Graduation celebrations today

Today, the University opts for graduation celebrations instead of traditional ceremonies. This change stems from the University Council's practice of verifying and endorsing the qualification requirements of graduating students before the celebration, a formal process called conferral – the legal awarding of the qualification. Since conferral occurs before graduation, we refer to the event as a celebration rather than a ceremony.

The celebration begins with a procession of the graduates led by a piper to the door of the auditorium. Once the graduates are seated, fanfare from the organ heralds the entry into the auditorium of the academic party led by the Bedel, a ceremonial role, carrying the University mace, the symbol of institutional authority. The banner bearers follow, then academic and professional staff, followed by the Deans, then members of the University Council and the three Officers of the University, Tumu Kaunihera | Chancellor, Tumu Whakarae | Vice-Chancellor and Pouroki | Registrar. The mace rests on a stand during the celebration.

Today's UC Graduation celebrations include elements of tikanga Ngāi Tahu. A representative group of graduates is welcomed into the auditorium with pao (a call of welcome), and this is responded to by the kaikaranga (caller) leading the group in. This exchange of karanga between senior Ngāi Tahu women opens the proceedings.

The pao is followed with a mihi or speech of welcome, from a Ngāi Tahu man, and that in turn is followed with a waiata. In this small way the University honours its relationship with mana whenua, Ngāi Tūāhuriri, its commitment to bicultural development, and its responsibilities under Te Tiriti o Waitangi | Treaty of Waitangi.

After the National Anthem te Tumu Kaunihera Chancellor opens the proceedings with the words: "I now convene a ceremony of the University of Canterbury to celebrate our graduates on the completion of their certificates, diplomas and degrees."

Te Tumu Kaunihera | Chancellor then hands over to te Tumu Tuarua Akoranga | Deputy Vice-Chancellor Academic who introduces te Amo Rangahau | Executive Dean of Postgraduate Research and Ngā Amo | Deans of the Faculties, who in turn present the graduates.

When all graduates have been capped and collected their testamur (certificate) there is a short speech before all in attendance rise and sing *Gaudeamus*. The academic party then leaves the auditorium, followed by the graduates.



The Bedel and the mace



At each ceremony the procession of graduates and staff is led by the Bedel carrying the University mace, the symbol of institutional authority. Historically the Bedel had a number of functions but in a modern university only the ceremonial role at graduation survives.

Used for every graduation ceremony since 1957, the University of Canterbury's mace provides a tangible link with the College of Christ Church at Oxford University, where it was designed and made. The shaft of the mace is made of an oak beam removed from Tom Tower when the bell was rehung in 1953. Even in 1680, when the beam was installed in the Sir Christopher Wren-designed Tower, the timber was described as 'well-seasoned'.

There is a *tohu* Māori (Māori design) carved on the shaft between two silver ferrules. The silver bowl at the head of the mace is joined to the staff by a fluted silver collar and ends in a Tudor rose. The petals embrace the coat of arms of Canterbury University College, executed in coloured enamel. Engraved at the foot of the mace is the Cardinal's Hat of Christ Church.

Coat of Arms

The formal, heraldic description of the University of Canterbury's coat of arms reads: "Murrey a Fleece Argent in base a Plough on a Chief wavy Or an open Book proper bound Murrey edged and clasped Or between a Pall Azure charged with Four Crosses Formy Fitchy Or and a Cross Flory Azure".

The base of the shield comprises a silver fleece, symbolising the province's pastoral pursuits, and a golden plough, symbolising agriculture, set on a murrey-coloured (purple-red, derived from mulberry) shield. The murrey-coloured, golden clasped book in the centre of the top section symbolises learning. On its right (observer's left) is an azure bishop's pall charged with four golden crosses, and on its left is an azure cross. The two crosses symbolise the province's ecclesiastical connections. The wavy line separating the two sections represents lands overseas.

The coat of arms, approved and authorised by the British Kings of Arms in Letters Patent dated 10 May 1965, was based on an earlier unauthorised version which was in turn adapted from the Canterbury Provincial Government's arms of the 19th century. That earlier Coat of Arms is still visible on the clock tower and above the entrance of the Arts Centre on the corner of Hereford Street and Rolleston Avenue.

Academic dress



The various types of academic dress worn by graduates have evolved from the daily dress worn by university students and staff in the Middle Ages, which in turn was based on the attire worn by the medieval clergy.

Gowns and hoods were practical wear in those days and while the gown is still worn by some, the hood has become purely ceremonial. The colour of the lining of the hood is strictly controlled and indicates the wearer's university and faculty or degree. The rich variety of academic dress worn by the academic staff reflects the many universities represented; the dress of American and European universities differs markedly from that of Commonwealth universities.

The gowns for Te Whare Wānanga o Waitaha University of Canterbury bachelor's and master's degrees are the same as for the Cambridge Bachelor and Master of Arts; the gown for the Doctor of Philosophy degree is as for the Cambridge Master of Arts but with peony red detachable facings for dress occasions.

The hoods are of a standard size and shape with a slate grey exterior. The colour of the lining indicates the degree of the wearer.

The headgear for a bachelor's and a master's degree is a black trencher (mortarboard) with tassel. For all Doctoral degrees the headgear is a black bonnet as for the University of St Andrews.

University Officers wear peony red gowns. Te Tumu Kaunihera | Chancellor's is damask embroidered with gold and gold lace and the trencher is peony red with gold lace and a gold tassel. Te Tumu Whakarae | Vice-Chancellor's gown is damask embroidered with gold and the trencher is peony red with a gold tassel. Te Pouroki | Registrar's gown is silk embroidered with gold and the trencher is peony red with a peony red tassel.

Degree colours



The colour of the lining indicates the degree of the wearer.

The colours are:

- Arts – Baby Pink
- Commerce – Yellow
- Education – Brown
- Engineering – Violet
- Forestry – Chestnut
- Health Sciences – Emerald Green
- Law & Criminal Justice – Ice Blue
- Music & Fine Arts – White
- Science – Ultramarine
- Social Work – Post Office Red
- Speech & Language Pathology/Audiology – Magenta
- Sport Coaching – Post Office Red
- Teaching & Learning – Old Gold
- PhDs – Peony Red

Honours and master's degrees are distinguished by a border of colour on the exterior of the hood: for an honours degree it is 25mm wide, for a master's degree it is 75mm.

For the Doctor of Philosophy degree, the hood is lined in peony red. For the other doctorates the hood is slate grey.

Graduate Women Canterbury



Graduate Women Canterbury (GWC) is the Trust responsible for the non-profit organisation, GWC Regalia Hire. Together, both entities focus on furthering tertiary education for New Zealand women, with proceeds from the Regalia Hire used to finance scholarships and awards.

Since 2020 the Trust has partnered directly with the University of Canterbury and other Canterbury tertiary institutions to fund new and existing initiatives in support of women entering, completing and working in tertiary education.

The Canterbury Branch of New Zealand Federation of University Women was originally formed in the 1920s to support women graduates socially and professionally in a time where women tertiary students and graduates were a significant minority.

GWC was established to create opportunities, and to encourage and support equity within tertiary education and beyond.

Contact GWC Regalia Hire for all regalia services and enquiries through their website www.gwcregaliahire.nz or call in to their rooms at Dovedale Campus, Wairarapa Building, Block ED15, Ilam any Tuesday and Thursday between 9.30am – 2.30pm.



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Manu tiria

Manu tiria Manu tiria

Manu werohia ki te poho o Te Raka

Ka tau rērere

Ka tau mai i te Ruhi

E tau e koia a

Koia koia

ko Tarauriki

Kī mai i Māui

Ehara i te whitu me te waru e

E tau e koia, koia

This song talks about when to plant kūmara (Ruhi or during January) and when not to plant kūmara (Whitu and Waru or November and December).

It also relates to the story of Māui changing into a kererū and following his father into the underworld.

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!

*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!*

E Ihowā Atua | God Defend New Zealand

E Ihowā Atua o ngā iwi mātou rā,
Āta whakarongona me aroha noa.
Kia hua ko te pai, kia tau tō atawhai.
Manaakitia mai, Aotearoa

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 our praises heard afar
God defend New Zealand.

