



Coat of Arms

The University's coat of arms was granted by the Lord Lyon King of Arms (Scotland's premier officer of arms) on 21 January 1948. Its design is based on that of the unauthorised arms which appeared on the University's seal in use by September 1870.

The blazon (technical description) of the arms is:

Azure, on a saltire cantoned between four mullets of six points Or, a book, gilt-edged and bound in a cover Gules charged with a mullet of six points of the second [i.e. Or] and a book-marker of the third [i.e. Gules] issuant from the page-foot, and in an Escrol under the same this Motto "Sapere Aude". (Lyon Register vol.36, p.102)

In ordinary language, the shield is blue, with a gold saltire (Saint Andrew's cross) between four gold six-pointed stars. On the centre of the saltire there is a closed red book, gilt-edged and with a red book-marker protruding, bearing another gold six-pointed star on its cover.

The motto may be translated as 'dare to be wise' or 'have courage to be wise'.

otago.ac.nz/about/history/#coatofarms



Scan here for a digital programme.

The front cover depicts the University of Otago's pou whenua. Named after Tāwhaki, who is known for his pursuit of knowledge and the many challenges he encountered on his journey, the pou whenua is situated on the lawn between the St David Complex and the Ōwheo Water of Leith.

Contents

University of Otago Office Holders	2
Ceremony One, 1:00pm Degrees to be conferred and diplomas to be awarded in Arts, Mus Theology, and the BASc.	3 sic,
The Order of the Ceremony	4
Notes on Doctoral Graduands	13
Ceremony Two, 4:00pm Degrees to be conferred and diplomas to be awarded in Science.	21
The Order of the Ceremony	22
Notes on Doctoral Graduands	29
The University of Otago	37
Staying connected	43
National Anthem and <i>Gaudeamus</i>	inside back cover

University of Otago Office Holders

 Chancellor
 P. A. Oakley BCom(Otago) CFInstD

 Pro-Chancellor
 B. J. Boyle LLB(Otago) MBA(MIT)

 Vice-Chancellor
 G. M. Robertson BA(Hons)(Otago)

Deputy Vice-Chancellor S. Brock BA(Hons)(Monash) MA(ANU) PhD(Princeton)

(Academic)

(External Engagement)

Deputy Vice-ChancellorR. J. Blaikie BSc(Hons)(Otago) PhD(Camb) FRSNZ FOSA MIEEE MInstP (Research and Enterprise)

Deputy Vice-Chancellor

J. F. M. Palmer BCom LLM(Auck) LLM(Camb) MinstD

Deputy Vice-Chancellor J. A. Ruru MNZM BA(Well) LLM(Otago) PhD(Vic BC) Hon

(Māori) LLD(Newcastle) FRSNZ

Chief Operating Officer S. W. Willis BNursing MHlthSc(Qld UT) MPRM(S Qld)

AdvDipPM(Southbank IT) MATEM MinstD MoP

Pro-Vice-Chancellors

HumanitiesH.R. Campbell MA(Otago) PhD(C Sturt) (Acting)SciencesR. J. Barker BSc(Hons) PhD(Massey) CMInstD

Health Sciences M. J. Gibbons BCApS(Otago) PGDipDiet(Otago) MSc(Massey) PhD(Auck)

Commerce M. A. Thyne BA PhD PGDipTour DipGrad(Otago)

Deans

 Biomedical Sciences
 E. A. Matisoo-Smith BA(Berkeley) PhD(Auck) FRSNZ (Acting)

 Education
 V. R. Anderson BEd(Cant) PhD PGDipArts(Otago) DipTchg(ChchCE)

Law S. E. Griffiths BCom LLB(Hons) MA(Otago) FCA

Māori, Pacific and P. P. Vakaoti MA(S Pac) PhD(Qld)

Indigenous Studies

Physical Education, E. A. Hargreaves BSc(Hons)(Glas) PhD(Wales)

Sport and Exercise Sciences
Surveying
A. B. Moore BSc(Hons)(Portsmouth) MSc(Leic) PhD(Plym)

Medicine T. J. Wilkinson MB ChB MD PhD(Otago) MClinEd(NSW) FANZAHPE

FRACP FRCP FAMEE (Acting)

Dentistry P. R. Cooper BSc(Hons)(Leeds) PhD PGCILTHE (Birm)

Pharmacy B. R. Russell BPharm(Hons) PhD(Otago)

Physiotherapy L. A. Hale BSc(Cape Town) MSc(Physio) PhD(Witw) FNZCP

Registrar D. S. Clark BA BTheol (Hons) PhD (Otago) MInstD

Ceremony One: 1:00pm

Degrees to be conferred and diplomas to be awarded in Arts, Music, Theology, and the BASc.

The order of the Ceremony

The Chancellor will preside and with the Council and representatives of the staff, graduates and students will enter at 1:00pm.

The audience is requested to rise as the procession enters.

Speeches of welcome from the Chancellor and Ko te Kaiwhaikōrero mō te Tangata Whenua (Māori Orator).

The National Anthem, in Māori and English (printed inside the back cover of the booklet).

Conferment of degrees and presentation of diplomas by the Chancellor.

The Vice-Chancellor will present candidates for doctoral degrees.

Pro-Vice-Chancellors and Deans will present candidates for other degrees and diplomas.

INTERLUDE: Cameron Monteath – piano

April in Paris – Charles Trenet

Graduation address by Keegan L. Wells BASc MPlan(Otago)

Gaudeamus (printed inside the back cover of the booklet).

Māori Orator Emeritus Professor John R. Broughton CNZM ED JP(rtd) BSc(Massey) BDS PhD

PGDipComDent DipGrad(Otago)

Mace Bearer Emily J. Williams

Organist David C. Burchell MA(Oxon)

Piper Jack K. Broomfield

Degrees to be conferred and diplomas to be awarded in person

Doctor of Philosophy

Tema Lepani Masei Alailima-Eteuati Daniel Edgardo Basubas Rachel Anna Billington Grace Imogen Clare Deborah Tania Davies Rachel Lynn Fleener Ashley Jayne Galbreath Joshua Jensen James Kalika Anne Kastein Zijian Lyu Sonja Annelise Mueller Tamara Ophelia Pletzer Ionathan Hamilton Atimalala Mariota Seiuli laimee Karen Alexandra van Gemerden Michelle Iane Walker Chathrie Upeka Wimalasooriya

Master of Arts (Thesis)

Neve Maria Beens: Anthropology, with Distinction Lilli Koko Muller-Murchie: Anthropology, with Distinction

Bachelor of Arts with Honours and Bachelor of Arts

Stella Eve Dickie: Bachelor of Arts with Honours: Anthropology, First Class

Jana Dorana: Bachelor of Arts with Honours: Psychology, First Class

Ella Lorene Kalmakoff: Bachelor of Arts with Honours: Theatre Studies, First Class

Hannah Grace Laugesen: Bachelor of Arts with Honours: History, First Class

Joshua Anthony Prager: Bachelor of Arts with Honours: History, First Class

Rosie Mary Grogan Simmons: Bachelor of Arts with Honours: Philosophy, First Class

Payton Greer Yimloy: Bachelor of Arts with Honours: Classics, First Class

Bachelor of Arts with Honours

Georgiana Kate Anderson: Psychology, First Class Evelyn Rose Ballantyne: English, First Class Max James Robert Balloch: Philosophy, First Class Olivia Grace Belt: History, First Class Kate Jocelyn Benjes: Communication Studies, Second Class (Division I)

Grace Elizabeth Brebner: Psychology, First Class Selena Nikki De Weyer: Psychology, First Class Ruby Christiana Dyke: Classics, First Class Julia Stephanie Feehan: Classics, First Class Margaret Jane Gorman: History, First Class Charlotte Ellena Emens Hamblin: Classics, First Class

Tayler Beth James: History, First Class Amasio Samuel Jutel: Film and Media Studies, First Class

Annelies Atareta MacDuff: Anthropology, First Class

Talisa Anjani Pelser: Anthropology, First Class India Irene Quedley: Classics, First Class Holly Erica Read: Psychology, First Class Oliver Brian Sutherland: Psychology, First Class Adam Thomas Tait: Psychology, First Class Samuel Kane Woodward: History, Second Class (Division II)

Bachelor of Arts and Bachelor of Performing Arts

Caitlin Mia Brennan

Bachelor of Arts and Bachelor of Science Laura Maree van Lindt

Bachelor of Arts and Diploma for Graduates

Samantha Jayne Reeves: Diploma for Graduates (Endorsed in Psychology)

Bachelor of Arts

Ferris Azrai Bin Abdul Aziz Molly Fay Adams Aseel Ahmad Aiel Al-Azzawi Zara Maria Alexander Ahad Abdul Aziz Azan Ali Al-Ismaily Ashleigh Grace Allum Ella Jean Ashley Anaida Austin Sammie Anna Bean Ellarose Maree Louise Bennett

Ellie Lauren Bennett

Ngaroma-Urupekengarangi Bennett

James Greville Henderson Biss

Emma Jordan Black Charlotte Ann Blackburne Rvan John Fraser Blackie

Janna Blong

Kate Sanne Borsboom

Harriette Mary Carolyn Boucher

William Toby Brandrick Hannah Mae Cant

Kiringaua Campbell Tamati Cassidy

Olivia Sophie Charles Brittany Delta Checkley

Keyu Chen Awanthika Chetty

Kapri Monaro Giani Erina Clark

Sam Cleverley

Xanthe Catherine Clyne Anthea Marie Wilson Coleman

Kailani Jane Creighton Jared David John Davies Pia Ariana Verave Davis Raveena Dayama

Julia Marie-Henriëtte Deen

Clara Rose Donne

Evangeline Dunedin Douglass-Dobson

Zara Jane Doyle Justine Judith Elsmore Emmanuel Devanté Fa'avae

Kayla May Farr Mia Victoria Flannery Ciara Alexandra Watt Foley

Aimee Ann Freeman Marika Fukuzawa

Frederick Kevin Galbraith

Laura Grace Gale Ruby Grace Gane Blossom-Kate Garbutt George Cavell Gearry Nicki Anna Graham Sophie Elizabeth Green

Jamie Griffin

James Michael Kenneth Hanlon Roman Wolfgang Hardie-Lyne

Sarah Grace Hartley Mia Louise Helliwell-Clarke Amy Rose Hema Hana Sage Hollister Gus Franklin Higham Holt Summer Lilley Hopkin

Sean Edmund Donnelly Hughes

Aidan Ling-Sen Hung

Meghan Ashley Ironmonger-Whyte

Emma Jackson Mia Mae Jackson Kiera Ann Jenkinson Keely Mikara Jones Olivia Kate Jowsey Tansy Jay Kerrisk Meg Rose Kilbride Natcha Kimsang Jeremy Paul Kinley Bale Batila Kito

Emma Jane Knowler

Emily Olivia Sunderland Koller

Callum James Kubala
Holly Jean Landreth
India May Lang
Brianna Anh Mai Le
Kate Hazel Lewis
Gabriel Marama Liddell
Olivia Rose Lonsdale
Joshua Blake Lovely
Laurinda Jayne Lowen
Joshua Shane MacDonald
Maita Helen Mackenzie

Lily Grace Mae Cottage Maley Daniella Marie Manansala

India Mason

Briar Lee Matthews

Ella Kathryn Taiaroa McDonald

Anna Lois McIntyre Belinda Jane McKie Ella Grace McKissock Caitlin Rose McLellan Holly Elizabeth McNaught Jessica Lesley Mennell Aidan Rubens Mercer

Kristina Augusta Kerrigan Miles Rosanna Aimee Patricia Mirfin

Linda Olivia Morgan Anna Ruby Elise Morris Amy Jane Mains Morrison

Tyler Jean Muir

Regan James Neville
Kate Mhairi Newson-Adams
Sophia Louise Fairmaid Niblock
Georgina Isabel Nicholls
Honor Rose Nolan Rundle
Lydia Rose Tate O'Callaghan
lyy Grace Rose Osborne

Purapurawhetu Panapa-Galbraith

Elliot George Paterson

Jiayu Peng

Jermaine Robert Lockeyer Pepe

Holly Jessica Lucy Petrie Catherine April Portelli

Petra Joy Prekopa

Portia Meijerink Prescott

Elizabeth Rose Purvis

Hayden James Rae

Syrah Morgaine Ranta

Wendy Margaretha Sophia Rapp

Erin Rose Redmond Jake Stuart Remon

Johnny Edward Richardson

Sokneang Rik

Lindsay Thomas Roberts

Lena Meline Sakalian

Jacob Patrick Scannell

Maia Hinemoa Athena Schwarz

Keegan Teresa Scott

Benjamin Patrick Sidon Sophie Rose Jackman Silcock

Zanthie Rose Smith

Nanimakamae Agnes-Ruth Soon

Ruzél Stegen

Eliza-Jean Ann Stevenson

Shawna Lea Stewart

Talia Charlotte Story

Gabrielle Sian Summerfield

Skye Ella Rose Symmers

Arabella Grace Mejorada Talbot

Daniela Tapper

Lusia Tapui

Claudia Ann Tate

Claire Olivia Taylor

Kheelan Jay Tia-Mai Thompson-Tonga

Emma Catherine Trench

Finn Peter Tubby

Alyssa Grace Tweedy

Zara Faye Van Koppen

Annemieke Belle van Uden

Salanieta Talei Basenikau Fanny Vugakoto

Brilea Ann Kate Wadsworth

Rose Dorothy June Wallington

Greer Isabella Webber

Nicholas George Wedderburn

Rawiri James Pirikahu Wereta

Emma Kate Westenra

Meadow Grace Whatson

May Elizabeth Wheeldon

Caitlin Tui Wheeler

Nicole Maree Whelan

Ashley Rose Wilson

Stella Mary Wispinski

Abigael Rita Lammers Wolfe

Leni Nicole Wright

Pippa Jane Wyllie

Wing Yeung

Master of Archaeological Practice

Jessica Helen Delman, with Distinction

Master of International Development and Planning

Hannah Brittany McCarlie, with Distinction

Master of International Studies and Bachelor of Arts

Lily Rakaya McKenzie Stock: Master of International Studies, with Distinction

Master of Peace and Conflict Studies

Bridget Ellen Crisp, with Distinction

Master of Planning

Keegan Lily Wells, with Distinction

Master of Politics

Bradley Joshua Hartnell, with Distinction

Bachelor of Music with Honours, Bachelor of Arts and Bachelor of Music

Cameron Jack Monteath: Bachelor of Music with Honours: Composition and Musical Performance (Combined), FirstClass; Bachelor of Music (Endorsed in Performance and Composition)

Bachelor of Music and Diploma in Language

Rosie Mae Brayshaw McAllister: Bachelor of Music (Endorsed in Performance); Diploma in Language (Endorsed in French)

Bachelor of Music

Jakira Ebony Brophy (Endorsed in Performance and Music Production)

Michelle Nancy-Mae Brown (Endorsed in Performance)

Kieran Michael Stayner Kelly (Endorsed in Performance)

Phoebe Rose Otila Aiomanu Osborne (Endorsed in Performance)

Ethan Leonard Trembath (Endorsed in Composition and Music Production)

Bachelor of Performing Arts

Tama Bertram Lund Hodgson Emily Mary-Kate Rangadevi McLennan Hazel Shirley Simes Emma Given Suzana Jorja Helen Tatham Emma Kate Thomas

Bachelor of Social Work with Honours

Shivani Geeta Dahya, First Class Zara Ashleigh Forgie, First Class Lainie Olivia King, First Class Emma Paige Smith, First Class

Bachelor of Social Work

Gemma Kate Anderson Aria Ballard Bibby Khata Rose Pearce Liya Mary Thomas Millie Elizabeth Tremaine Shawna Anne yan Abs

Master of Social and Community Work (Applied)

Alice Lucy Bates, with Distinction
Emily Jane Brace-Mallett, with Distinction
Yasemin Franz, with Distinction
Amelia Kate Crocker Greet, with Distinction
Claire Julia Hamilton, with Distinction
Kimberly May Inglis, with Distinction
Finau Penita Lisa Mafi

Rebecca Anne Charlotte Murray, with Distinction Samantha Lee Richards, with Distinction

Bachelor of Theology

Andrew Pieter Butcher (Endorsed in Christian Thought and History)

Master of Chaplaincy

Cyril Phillip Pawley, with Distinction

Master of Ministry

Rosemary Anne Fleming, with Credit

Master of Science and Postgraduate Diploma in Clinical Psychology

Issac Tyrone Jamieson: Master of Science: Psychology, with Distinction

Master of Science

Alexander Nicholas Boardman: Psychology, with Distinction

Kiri-Moana Leah Burich: Biochemistry, with Distinction

Alfred Efe Çelik: Neuroscience, with Credit Mae Louise Gilmour: Microbiology, with Distinction

Zhua Li Lim: Ecology, with Distinction Celine Jane McGarvey: Microbiology, with Distinction

Bachelor of Science with Honours and Bachelor of Science

Hannah Elizabeth Acheson: Bachelor of Science with Honours: Neuroscience, First Class

George Samuel Alexander: Bachelor of Science with Honours: Physics, Second Class (Division I)

Hannah Mary Tolks-Robinson: Bachelor of Science with Honours: Psychology, First Class

Bachelor of Science with Honours

Cole Jonathan Barnes-Wilkie: Physics, First Class Samantha Nicole Barrett: Psychology, First Class Eugenie Rose Valentine Calder: Neuroscience, First Class

Aleisha Grace Chalmers: Neuroscience, First Class Guantian Chen: Psychology, First Class Reuben Alexander Cook: Physics, First Class Matthew David Cowles: Energy Management, First Class Petra Alexandra Fisher: Physics, First Class Lily Eden McLellan Harvey: Marine Science, First Class

Tira John McLachlan: Biochemistry, First Class Lili Gabriela Ovendale: Sport, Exercise and Health, First Class

Georgia Louise Peattie: Neuroscience, First Class Anna Rose Petersen: Physics, First Class Aaron Isaac Thomas Taylor: Physics, First Class Ariana Manaia Tuson: Neuroscience First Class

Bachelor of Science

Emma Maud Ahlezon Nziwa Rebecca Anainga Andrew Bryan Baynham Maximus Vladimir Bear Duncan McIntyre Beere Laura Marie Bowater Aroha-Mae Rangiaho Bunner Liam Alexander Cade Boston Max Canton Eila Elizabeth Chirnside Lily Grace Collier Lachlan William Cronin Rose Phoebe Darby Portia lov D'Ath MacKenzie lane Duff Chloe Diana Dunn Daisy Eliza Eaglesome Peyton Willow Fields Braden Hone Fowell Adi Lina Nicola Garnett Riley James Arnard Green Daniel James Griebel Monique Elaine Davison Groenendal

Carter Jacob High Luke Alexander Hopkirk Jessica Margaret Hydes Benjamin Ross Ivory-McCullum Abigail Jenkinson Riley Allan Johnston

Riley Allan Johnston Oak Ammon Jones Bangama Arachchis

Bangama Arachchige Asenka Thiara Kularathna

Lisa Leung Alexandra Ru

Alexandra Ruby MacDonald Cassandra Catherine Muldrock Tahlia Rosena Anker Murray Simbarashe Junior Muwunganirwa

Shalini Patel Elsie Camelyn S Polosovai Anya Susan Powell Ella Diane Price lessica Margaret Slimin Andrew Carl Sporke Niccole Cailin Tatarzvcki Hollie Maree Thomas James Emerson Jappy Tucker Ronan Joseph Bryant Veza Jasmeen Virk Sophie Amanda Waddell Kira Le-Ána Watson Hannah Olivia Whelan Laura Ruth Whelan Sui Yin Wong Samantha Aiyanna Yelseth Maia Valerie Yi

Bachelor of Commerce

Cameron John Dickie

Bachelor of Arts and Science and Diploma for Graduates

Madeleine Sofia Frear: Diploma for Graduates (Endorsed in Management)

Bachelor of Arts and Science

Kaye Daffon Daleon Willow Diedricks Gemma Ellen Douglas Tayla Cate Eaton Catherine Lois Fairbairn Emma Ruth Hutchinson Isobel Catherine Grace Wheen Keiller Paige Annie Hart Kilduff Edan Maree Lacev Esther Mary Lampen-Smith Kozyniak Tabitha Katie McMillan Littlejohn Ioria Paige MacKenzie Jennifer Jayne Marsh Stella Emma Murray Katiana Ngawini Ngata Kayleigh O'Reilly Alex William Parks Hamish Kavanagh Phillips Brandon Jacob Michael Pritchard

Isabelle Mae Ralston

Mia Dioleta Sacro Segun

Linea Grace Simons
Alexandra Kerri Rowland Taylor
Ellie Rose Taylor
Maggie Ngaio Taylor-Lacey
Zoe Helene Thompson
Harry Benjamin Watt
Amelia Kate Weir
Ruby Chenoweth Werry
Tessa Lily Worthington

Postgraduate Diploma in Theology

Sione Tangi Mausia Ma'u: Christian Thought and History

Postgraduate Diploma in Science

Toby Alexander Pryer: Anatomy, with Distinction Josiah Jerome Talosaga: Physiology, with Distinction

Diploma for Graduates

Grant Stuart Bowater (Endorsed in Biblical Studies) Carol Anne Taurua-McCready

Degrees to be conferred and diplomas to be awarded in absentia

Doctor of Philosophy

Shona Te-Pare Kapea-Maslin Khin Khin Lwin Walter Noteboom

Bachelor of Arts with Honours

Jodie Alice Simpson: Psychology, First Class Sophie Sutherland: Psychology, Second Class (Division I)

Bachelor of Arts

Kaydin Sheffield Alexander Ryan Shion Alizadeh Rory Elsie Augustson Jasmine Faith Byfleet Kayleigh Ann Forsyth Ffion Gwendolyn Jones Annalise-Jade Margaret Keable Milly Helen Kerr Helena Lara Mayer Gregory Stuart Nimmo Hà Thu Phan Noah Beniamin Scott

Bachelor of Music

Sage Ngaroimata Kennedy Macdonald (Endorsed in Composition and Music Production)

Bachelor of Theology

Amanda Mary Mark (Endorsed in Pastoral Studies) Alicia Dawn Odhiambo (Endorsed in Pastoral Studies)

Master of Science

Winter Rae Sheridan Miller: Zoology, with Distinction

Eunseo Na: Anatomy, with Distinction

Bachelor of Science with Honours

To'oa Tofamamao Brown: Microbiology, First Class Sienna Olive Evans: Forensic Analytical Science, First Class

Naomi Elsa Grambin: Microbiology, First Class

Sam Edward McCullough: Forensic Analytical Science, First Class Emma Kate Pettigrew: Marine Science, First Class

Bachelor of Science

Fathima Shakeenathul Ilma Aminudeen Cara Allison Busse Harrison Luke Carman Azariah Opal-Rose Drummond Campbell Francis Hall Peter Joseph Hill Isla Madeleine Kolien Hannah Ayumi Liyanarachchi Tilly Pritchard Dante Angelo Vannini

Bachelor of Applied Science

Max Wilkie Chu

Bachelor of Medical Laboratory Science

Garima Panta, with Distinction

Bachelor of Arts and Science

Tobias Wing Kai Brennan

Postgraduate Diploma in Science

Reilon Jerome Dagoldol Flores: Neuroscience, with Distinction

Diploma for Graduates

William Alexander Henderson Biss (Endorsed in Criminology)
David Phillip Kay (Endorsed in Religious Studies)

Yunyi Liu (Endorsed in Gender Studies)

John Allan McWatters

Ella Jane Taylor (Endorsed in Politics)

Postgraduate Certificate in Chaplaincy

Shaun Timothy Baker Joseph John Martin

Notes on Doctoral Graduands

Tema Lepani Masei Alailima-Eteuati, PhD

Taeao lē leoa: The muted history of indigenous Samoans in the arrival of Methodism in Samoa

Daniel Edgardo Basubas, PhD

A critical examination of the 'green economy' concept as a vehicle for inclusion: a qualitative case study of the Agulhas Plain, South Africa

The researcher spent 11 months in rural South Africa examining if and how 'green economy' policies improved the lives of marginalised communities. The findings showed that many people's lives were unchanged, contradicting dominant global narratives. A core issue was that these policies tended to ignore systemic factors contributing to poverty, such as wealth inequality, while embracing 'business-as-usual' free market ideologies which have historically exacerbated inequalities. As the adage goes, "the definition of insanity is doing the same thing over and over again and expecting different results." This research argues that if green economy policies are to reduce poverty and tackle climate change, decision-makers must meaningfully engage with marginalised communities and prioritise their voices in political discussions.

Rachel Anna Billington, PhD

"Social media gave me my life." Recognition, adolescence, and political identity in the algorithmic era: Coming of age online in Aotearoa New Zealand

In a socio-cultural moment characterised by culture wars and post-truth politics, largely facilitated by the filter effects of modern technologies, researchers are increasingly turning their attention to the role of social media in political belief formation, rising populism, and polarisation. Understanding how these dynamics inform the developing political identities of young people coming of age online is, however, under-explored.

This research fills this gap by examining the ways that young New Zealanders' develop their political identities through experiences of recognition and non-recognition in their online and offline worlds. These formative experiences are mediated by social media insofar as these technologies play a vital role in the lives of adolescents, as tools for self-discovery, interpersonal connection, and information seeking.

This thesis was formally recognised by the Division of Humanities as being of exceptional quality.

Grace Imogen Clare, PhD

A social impact evaluation of food rescue organisations in Aotearoa New Zealand

Food rescue organisations have emerged as a critical response to the global issues of food waste and hunger by redistributing surplus food to people in need. Despite their significant social, environmental, and economic impacts, these organisations remain underfunded and undervalued. Social impact assessment provides a systematic method for non-profit organisations to understand the social value their activities create and put it into a language funders and investors can understand.

This research employed an innovative approach to conduct a multi-case Social Return on Investment (SROI) analysis for food rescue organisations. The SROI analysis revealed that for every dollar invested in food rescue, \$4.50 of social value was generated. Additionally, results showed that food rescue contributes to reducing environmental waste, improving access to food, enhancing well-being, and strengthening social connectedness for individuals and communities receiving the food.

Deborah Tania Davies, PhD

Kainga, kura and kai: Sustainable gardens as a mechanism to enhance educational and cultural outcomes

With the emergence of edible gardens in schools in Aotearoa New Zealand and internationally, there has also been a marked decline of mahinga kai and associated mātauranga within kāinga. The customary practice of manaakitanga, not least kaitiakitanga, koha and sharing of kai and onward transmission of mātauranga via whanaungatanga are also being eroded. As a result, these foundational values of kāinga identity and wellbeing have been interrupted.

This study examined a triadic relationship between kāinga, marae and kura in Te Taitokerau, grounded in Māori research methods underpinned by a whakapapa framework. Results demonstrated clearly how sustainable gardens can be used as a mechanism to enhance educational and cultural outcomes, strengthening community connections and reclaiming customary knowledge.

Rachel Lynn Fleener, PhD

Inclusive governance in exclusive landscapes: A critical analysis of integrated landscape approaches to conservation in the Agulhas Plain, South Africa

This research examined how integrated conservation and development project are coordinated in South Africa through multistakeholder platform. These platforms aim to include diverse groups in decision-making processes, including marginalised groups, to promote equitable project outcomes. Drawing on a 9-month field study in the Agulhas Plain, the research found that marginalised groups were largely excluded from decision-making processes and included inequitably in the outcomes of projects. Despite the platforms' goal of inclusivity, they failed to address the deeper, systemic barriers to meaningful participation. The study suggests that for true inclusivity, conservation and development efforts must go beyond these platforms and tackle the root causes of inequity that prevent full participation.

Ashley Jayne Galbreath, PhD

Making peace inevitable: How communities create peace and avoid war every day

Joshua Jensen James, PhD

"We're here, we're queer, we're fascist! Get used to it." Identity conflict in the homosexual radical right

The homosexual radical right (far right) is often seen to be oxymoronic. It seems incomprehensible to many that a marginalised group within society—homosexuals—can support a political movement which is both homophobic and oppressive to others. It has been suggested that being both homosexual and politically radical right are so fundamentally opposed that there cannot be a synthesis between these two identities. This juxtaposition and incongruence of these identities is identity conflict. This research studies this identity conflict and suggests different identity conflict resolution techniques that are present in a range of texts from the homosexual radical right. The primary technique is creating such a threat to both of their identities that any conflict is nullified.

Kalika Anne Kastein, PhD

Positioning silence in peace and conflict studies: Corpus-based research and qualitative content analysis of peace and conflict studies journals

Zijian Lyu, PhD

From reason to intuition: Human knowledge and its value

Sonja Annelise Mueller, PhD

Exploring rural community-led resilience to natural hazards: A participatory scenario approach to Hokitika's community resilience through a future Alpine Fault earthquake disaster and recovery

All over the world there are communities exposed to multi-hazard risks. Each community has unique local knowledge, culture, resources, capabilities, and social networks to help them prepare for, respond to, and recover from disasters. Resilient communities use their unique combination of resources and capabilities to survive a disaster and thrive after.

This research used a scenario to explore community resilience in Hokitika, New Zealand. Community members identified existing resources and capabilities, and co-designed hazard and impact maps of a Mw 8 Alpine Fault earthquake. Participants envisioned resources and capacities that could be useful during earthquake response and recovery. This scenario approach empowered participants, and the outcomes and benefits can be applied toward mobilising ongoing resilience efforts for community-led resilience.

Tamara Ophelia Pletzer, PhD

Hydrometeorological modelling of glacial melt and streamflow in the McMurdo Dry Valleys, Antarctica

The glaciers in the McMurdo Dry Valleys are on the threshold of change, thus a key challenge is to understand the atmospheric drivers of glacial melt and streamflow. To do so, a novel hydro-meteorological model was adapted to simulate cold-based glacial melt and streamflow and tested over several melt seasons. The model was then used to investigate the sensitivity of streamflow to possible future scenarios of higher air temperatures and increased snowfall. Increasing air temperatures resulted in an exponential increase in total runoff, while increasing snowfall resulted in either a decrease of streamflow due to a higher albedo or an increase in streamflow because of greater mass turnover. These findings demonstrate the complex sensitivity of glaciers to changes in weather

Jonathan Hamilton Atimalala Mariota Seiuli, PhD

Re-reading Romans 13:1-7 and other New Testament texts from the perspective of law and the contextual tax issue in Samoa (2017-2022)

A legislative change to Samoa's taxation laws in 2017 created an unprecedented crisis in relations between the government and the religious ministers of Samoa. Christian ministers in Samoa have traditionally been exempted from paying income tax but new legislation required that they should now pay taxes.

Whilst the issue has now been resolved by the induction of a new government and the abolition of the tax law, the credibility of the government's appeal to Romans 13:1-7 and disagreement on how these verses should be interpreted remain unresolved.

This research thesis the controversy over the tax law changes in Samoa as a vantage point for a deeper investigation of what Paul meant in Romans 13:1-7, particularly from a law perspective.

Jaimee van Gemerden, PhD

No longer an object: The faithfulness of self-realisation

Drawing on work in existentialist philosophy and feminist theology, this research considers how self-realisation could function as a remedy for objectification and allow women to truly flourish in relationship with God. What is offered in this work is a reclamation of the Christian view of kenosis understood through the lens of the potential Being offered by nothingness, in the existentialist tradition. In addition, constructive practices of naming and narrating one's lives, pursued in dialogue with Others and with God, offer avenues for self-realisation. This research posits that the self is not something to lose or hide, but that there is an encouragement to self-realisation as part of a faithful relationship with God.

Michelle Jane Walker, PhD

Aotearoa's postpartum psychiatric 'problem': Exploring New Zealand's hidden 'epidemic of suffering,' 1850 to 1980

Chathrie Upeka Wimalasooriya, PhD

Towards improving the quality of mobile apps

Thesis topics of doctoral graduands in absentia

Shona Te-Pare Kapea-Maslin, PhD

Kākahu: The threads that bind them all

Khin Khin Lwin, PhD

Women's multiple identities and peacebuilding agency: Myanmar women's room to manoeuvre as peacebuilders in the face of challenges

Walter Noteboom, PhD

Beyond justice: A study in reconfiguring providence along Thomistic paths

Ceremony Two: 4:00pm

Degrees to be conferred and diplomas to be awarded in Science.

The order of the Ceremony

The Chancellor will preside and with the Council and representatives of the staff, graduates and students will enter at 4:00pm.

The audience is requested to rise as the procession enters.

Speeches of welcome from the Chancellor and Ko te Kaiwhaikōrero mō te Tangata Whenua (Māori Orator).

The National Anthem, in Māori and English (printed inside the back cover of the booklet).

The Public Orator will present a candidate for an honorary degree.

Conferment of degrees and presentation of diplomas by the Chancellor.

The Vice-Chancellor will present candidates for doctoral degrees.

Pro-Vice-Chancellors and Deans will present candidates for other degrees and diplomas.

INTERLUDE: Cameron Monteath – piano

April in Paris - Charles Trenet

Graduation address by Distinguished Professor Sir Richard Faull KNZM BMedSc MBChB(Otago) PhD DSc(Auckland) FRSNZ

Gaudeamus (printed inside the back cover of the booklet).

Public Orator Associate Professor Karyn A. Paringatai MA PhD(Otago)

Māori Orator Emeritus Professor John R. Broughton CNZM ED JP(rtd) BSc(Massey) BDS PhD

PGDipComDent DipGrad(Otago)

Mace Bearer Keegan L. Wells BASc MPlan(Otago)

Organist David C. Burchell MA(Oxon)

Piper Jack K. Broomfield

Degrees to be conferred and diplomas to be awarded in person

Honorary Degree of Doctor of Science Richard Lewis Maxwell Faull

Doctor of Philosophy and Postgraduate Diploma in Clinical Psychology

Emma Pax Veltman

Doctor of Philosophy

Jessica Rose Calverley
Namrata Arishma Chand
Kieran Collienne
Jack Rhys Hill Cooper
Bridget Alice Lamont
Jingjin Li
Edward Cato Moody
Matthew Grey Robb
Poramaporn Ruksasakchai
Samuel William John Smith Bell
Ayla Faine Brienne Stenning
Jai Dylan Palmer Whelan
Melanie Jane Young

Bachelor of Arts and Bachelor of Science

Tobias Pierre Devereux Imogen Te Rangimarie McNeill

Bachelor of Arts

Georgia Louise Ellis Amelia Jayne Grufferty

Bachelor of Theology and Bachelor of Science

Joshua Peter Charlie Elkin: Bachelor of Theology (Endorsed in Biblical Studies)

Master of Science

Rebecca Elizabeth Averill Dunn: Psychology, with Distinction

Jake Conall Edwards-Ingle: Marine Science, with Distinction

Logan Alan Valmont Faulkner: Chemistry, with

Iona Rose Lunjevich Grigor: Toxicology, with Distinction

Liam Michael Hewson: Chemistry, with Distinction

Laura Megan Keighley: Genetics, with Distinction Connal Eideard Thomson Kirk McLean: Zoology, with Distinction

Ella McLeod-Edwards: Psychology, with Distinction

Lana Kate Moree: Chemistry, with Distinction
Jessica May Wright Morris: Biochemistry, with
Distinction

Gina Maria Mouat: Neuroscience, with Distinction Samantha Nie: Pharmacology, with Distinction Henry Martin Niemi: Biochemistry, with Distinction

Lauren Jessica Cherie Over: Genetics, with Distinction

Aimee Sarah Elizabeth Pritchard: Botany, with Distinction

Hajie AJ Panganiban Tamorite: Chemistry, with Distinction

Jordan Tauai Taylor: Microbiology, with Distinction

Gabrielle Louise Trotter-Dunn: Sport, Exercise and Health, with Distinction

Katelyn Olive Wallbank: Psychology, with Distinction

Dayna Joyce Williams: Botany, with Distinction

Bachelor of Science with Honours and Bachelor of Science

Christopher Thomas Egnot: Bachelor of Science with Honours: Neuroscience, First Class

Max Lewis Farmer: Bachelor of Science with Honours: Psychology, First Class

Maggie Alice Jones Hames: Bachelor of Science with Honours: Neuroscience, First Class

Andrew Habin Lee: Bachelor of Science with Honours: Neuroscience. First Class

Blake Eric Sluyter: Bachelor of Science with Honours: Microbiology, First Class

Jenna Marguerite White: Bachelor of Science with Honours: Neuroscience, First Class

Bachelor of Science with Honours

Travers Lucian Bloemsaat: Mathematics, First Class

Callista Mae Booth-Richards: Chemistry, First Class

Charlotte Christina Boyle: Psychology, First Class Daniela Bühn: Psychology, First Class Maxwell Toru Busby: Physics, First Class Kate Alice Chibnall: Botany, First Class Hamish Douglas Church: Psychology, First Class Caitlin Emma Cunniffe: Microbiology, First Class

Georgina Ruby Dempster: Geology, First Class Akalanka Dinudaya Bandara Ekanayake:

Plant Biotechnology, First Class

Ben David Elkinson: Anatomy, First Class Linus David Fromm: Statistics, First Class Charlotte Mary Vere Greenaway: Genetics, First Class

Benjamin James Anthony Hamlin: Genetics, First Class

Nicola Sierra Holdsworth: Microbiology, First Class Ethan Campbell James: Psychology, First Class Caleb Mitchell Jopson: Psychology, First Class Lauren Sarah Kruger: Physiology, First Class Allegra Thérèse Logan: Chemistry, First Class Alexander Robert Hunter Matthews: Neuroscience. First Class

Ronan John McNeill: Neuroscience, First Class Chantelle Therese Monteith: Biochemistry, First Class

Nikkita Jacqueline De La Cruz Murray: Physiology, First Class

Kirsten Amber Rutten: Anatomy, First Class Nicole Marie Samuel: Genetics, First Class Eszter Yelena Scarlett-Herbert: Microbiology, First Class

Tamatea Steppinwolf Schweikert: Physiology, First Class

Kira Anjali Singh: Physiology, First Class Shannon James Sutton: Mathematics, First Class Luke Tang: Computer Science, First Class Tausi Fusialofa Tausi: Physiology, First Class Janelle Mary Tinker: Psychology, First Class Daniella Twina Tuhairwe: Neuroscience, Second

Anna-Catharina Sophia Veer: Physiology, First Class

Class (Division I)

Katie Walker: Genetics, First Class
William Alexander Waters: Mathematics,
First Class

Andrew Robert William Wilson: Chemistry, First Class

Kai Shira Woolf: Physiology, First Class Ryan James Youmans: Psychology, First Class

Bachelor of Science and Postgraduate Diploma in Science

Israa M M Abosaleek: Postgraduate Diploma in Science: Physiology, with Distinction

Bachelor of Science and Diploma for Graduates

Benjamin Michael Addison: Diploma for Graduates (Endorsed in Creative Marketing)

Bachelor of Science Mia Beau Abercrombie

Jatarla Valerie Te Ipuwhakatara Absolum Amelia Lily Adriaens Sebastián Ignacio Alcayaga Rojas Dean John Allan Tomas Zane Alston-Spence Sammi Saad Ir Ammar Andrea Ferreira Amundsen Hayley Cate Anderson Lily Kate Anderson Matthew Steven Anderson Katie Jane Andrew Ekaterina Astashkina Tasneem Aung Connor Rawiri Bacchus Ioseph David Bache Leilani Ruth Baeumer Hans Leander Bahlsen Emma Catherine Bantang Olivia Grace Barclay Margaret Elizabeth Barnes Jessica Rose Bassett Abby Louise Beatson Mason Lee Bell Charlotte Ngaire Bonis Lila Clare Bradley lessica Brash Charlie Brinkhurst Alison Rose Brown Daniel Christopher Campbell Kaleb Thomas Cant Frances Fong Soo Carr-Smith Ellen Catley Carter layden Anthony Cartier Ella Ruby Rose Chafer Nicole Zoe Chan

Shonika Rejina Chandra Chloe Wing Yee Cheung

Isabella Keaolani Keesing Chow

Janice Choiyi Chung

Nadia Belen Cisterna Baeza

Anita Jessie Clark Victoria Emma Clark Jordan Skye Cohen-Ronen

Rochelle Gael Cole Emily Maria Cook Hayley Rose Cook

Callum Paul Cooper

Sarah Christie Cordes Joe Travers Cunningham Owen Bloome Dabkowski

Daniel Lloyd Dachs
Rachael Mary Dalmer
Raihaan Dalwai
Jessica Anne Darnley
Carrie Angela Racelis Dator
Aspen Simone Daubney

Kiera Holly Davis Lara Christi De Jager Mathias Marc De Luca Kendal Georgia Devlin Tayla Holly Devlin Joseph Tony Diprose

Mandanayaka Arachchilage Janadhi Kesara

Bandara Dissanayake William Roland Donnelly Jordan David Doran Hayley Genna Dore Emma Louise Douthwaite Abigail Grace Elmer Draper Kate Linda Drummond

Madison Jette Dye Marie Abigail East

Connor James Carston Eastwood

Rosemary Eleanor Averill Dunn

Jacky Ann Edwards
Holly Lexi Edwards-Ingle
Alice Margaret Grace Egan
Charlotte Amélie Esteve
Caitlin Jean Ewenson
Ryan Paul Fairweather

Fares Fawzi

Kieara Sherald Fernandez

Keighley Helen Alise Fielding-Woodmass

Liam Mason Finer

Nicola Rachel Finney

Dylan James William Finnigan

Kate Louise Fitzpatrick

Hui Ling Fong

Hannah Leanne Ford Charlotte June Fraser Coll Tobias Fraser Emma Freeman-Nash

James Francis Ciaran Gallagher

Lachlan Mark Gardner

Maia Camille Hutchison Gasson

Maddison Lee Gay Megan Grace Gentle Laura Mary Glasgow-Martin

Jordyn Ann Gloyn Rilee Rita Marie Gould Ania Grace Grav

Morganne-Lee Pearl Greene

Jerry Anne Griffin

Bryn William Clark Griffiths Ajani Sumatra Rose Grimstrup

Dylan Thomas Hackett Zoe Maria Halls Holly Rose Hancox Nathaniel Thomas Hansen

Nazuna Harada Hebe Ellen Harmer Teagan Margaret Harris Samuel James Harrison Christopher John Hay

Iona Micky France Hay-Fourmond

Rosa Jayde Hewett

Hunter Francis Nisbet Hewson

Imogen Highfield Matilda Highfield Jennifer Alice Hill

Claire Beatrice Hodgman

Margret Jerosemely Nisha Hofeni Kanofou Cosima Kitty Augusta Hoffman Dervan

Isabel Amelia Horgan Holly Shelley Horo Jasmin Tyler Horsley Amelia Johan Houston

Laoisa Kaoimhe Dayna Huckle

Emily Bridget Hughes

Samuel Christoph Hulbe Pulver Timothy Tawanda Hunter

Rosa Maria Jack Lauren Zoe Johnson Shari Marie Johnson Florence Hannah Jowle

Katie Kang Alexis Jesse Karl Nyasha Kawara

Hannah Brigitte Kemenater Ella Jayne Su'eala Kerr Dylan Francis Kharpal Amelia Clare Kirk Luka Manaia Klubien Niharika Vivek Kulkarni Shamen Sahil Kumar Yvon Ava Lamberts

Natthawadee Laothepphitak

Hailey Paige Larsen

Hannah Marie Peacock Larson

Elsie Mae Laugesen Sophie Alexandra Law Emily Dianne Patricia Lawson

Rueben James Lee Nadia Erica Moata Leech Tesoro Maria Levy Nerissa Emily Linwood

Stella Marguerite Lonsdale-Hope

Madeline Rose Loudon
Felix Henry Patrick Lowe
Megan Brooke Lowe
Mandy Jane Lowther
Dyrel Jonne Lumiwes
Chinjila Lunda

Veronika Luthar Megan Macdiarmid Tomasi Nai Anga'aetau Maliepo

Tomasi Nai Anga'aetau Maliepo Oteana Maera Manukau Young

Yiwen Mao

Alexander Jorin Margerison Maddison Rosabella Marriott

Nika Sharne Matich Kayla Matsubara-Parkes Joshua Leslie McCarroll Emily Ilean McClure

Tessa Rebecca McConachie Tahnay Jarrod McCracken Stella Grace Geange McCurdy Siobhan Rachel McGhee-Turnock

Alicia Rose McGifford Sian Ann McKay Olivia Jean McKnight Josh Robin McLellan Hayley Ann McMillan Dominic Brendon McPhee

70e Gillian Mills

Maia Rose Mitchell Keisuke Mitsugi Robert William Morgan Devereaux Leigh Morris Rose Jennifer Mould Megan Lindsay Mulder Amelia Rose Myatt Zara Naeem

Sherise Naidoo Charlotte Alexandria Narbev

Emma lacqueline Neale

Charlotte Mary Neill
Reuben Gregory Neilsen
Maire Katherine Neilson
Connor John Nicholls
Lucy Kate Margaret Nind
Anne Loretta Akisha Nonis
Kristin Emma Normanton
Emelie Skye Nyman-King
Delicia Jane Rebecca O'Brien

Mary Anne O'Leary

Nuala Frances O'Malley-King Anna Stacey Onuma

Amberly Grace Orr

Sophia Maria Vladimirovna Osipova

Meleana Toe Pouono Pani

Bess Park

Charlotte Rose Parker Sharnia Mukesh Parsotam Ianki Hemantkumar Patel

Dené Patricio

Thomas Michael Finlayson Patten

Rebecca Anne Payne Sofia Perez Labesius Alice Leigh Petrie Arpita Anjili Prasad Janyia Suzy Price Finnan Tupangaia Ralph Danastri Ramadhani

William Brian Reid

Nathaniel Nicholas Henry Richards

Maia Rose Robertson James David Robiony-Rogers Mikayla Grace Eila Robson Jessica Ivy Roche Ainsley Jenna Rowe

Monique Margaret Lia Ruiter Iamie David Alexander Rule

Isabella Louise Saint

Oliver James Salisbury

Edward Aurelyus Silalahi

Olivia Jane Simmonds

Lauren Maree Simpson

Subina Siwakoti

Natalya Rhianna Iri Skelton

Francesca Lilian Slight

Hannah May Soper

Amber Claire Sowden

Sophie Annabelle Speirs

Amber-Jade Alice Spence

Julia Helen Spring

Lucia Boyes Stallard

Ruby Isabella Stevens

Mitchell James Stewart

Leah Angela Storey

Corban Hamilton Surtees

Madison Rose Sutherland

Madaline Mary Symes

Daniel Bo Kang Tan

Niamh Eden Tasker

Harrison William Taylor

Ella Louise Violet Telford

Dylan Anthony Tesoriero-Smith

Jedidiah Frederick Walter Thompson-

Fawcett

Tanapol Thongngam

Chelsea Adriana Whitburn 't Hooft

Zoe Isabella Mary Tibbutt

Karvse Emma Tomlin

Sophie Louise Kriste Tunnicliffe

Jessica E Tyrrell

Lily Lauren Valentine

Cailin Vorster

Linh My Ngo Vu

Stevie Lana Rose Wakeling

Mahina Ruth Walle

Georgia Kate Walsh

Milla Walton-France

Richard Wang

Yikai Wang

Niklas Leon Wanke

Arran Watt Harris Wells

Amber Mary Werensteyn

Ingrith Cristina Werner Burgos

Emily Laura Wilkinson

Joseph Alan Wilkinson

Emily lade Williams

Danielle Georgie Ellen Willsman

Aaron Thomas Withy

Sophie Jane Worner

Alexandra Rose Wright

Keegan Paige Wright

Grace Alexandra Wyllie

Madeline Reece Young

Master of Science Communication

Sarah Rose Cawthorne, with Distinction

Nathan James Hollows (Endorsed in Science in Society), with Distinction

Master of Wildlife Management and Postgraduate Diploma in Wildlife Management

Elizabeth Carol-Ann Franklyn: Master of Wildlife Management, with Distinction; Postgraduate Diploma in Wildlife Management, with Distinction

Master of Wildlife Management

Nadika Chamath Hapuarachchi, with Distinction

Bachelor of Arts and Science

Kameron Joseph Masoner

Postgraduate Diploma in Science

Camlyn Kathleen Allen: Anatomy, with Distinction

Taylor McCall Duff: Ecology, with Distinction

Degrees to be conferred and diplomas to be awarded in absentia

Doctor of Philosophy

Anna Katharina Manon Doehring

Master of Science

Thomas Zico Fischer: Physics, with Distinction Avi Roberts: Marine Science, with Distinction

Bachelor of Science with Honours and Bachelor of Science

Raheel Hussain: Bachelor of Science with Honours: Physiology, First Class

Bachelor of Science with Honours

Tobias Martin Dawn-Sugrue: Biochemistry, First Class Lydia Hannah Fay: Neuroscience, First Class Noah Ethan Kelly-Foleni: Genetics, First Class Georgia Holly McKendry: Genetics, First Class

Bachelor of Science

Cody John Airey
Delta Rebecca Marie Cox
James Dene Elford-McArthur
Aimee Goddard
Mikey Owen Little
Lara Grace Pearson
Caitlin Paige Revell
Gabriel Robchinsky
Hayley Grace Searancke
Lora Lynn Wylie
Sujung Yoon

Postgraduate Diploma in Science Communication

Rhys Hugh Latton

Postgraduate Diploma in Wildlife Management

Isabelle Annie Potbury, with Distinction

Diploma for Graduates

Amelia Grace Blockley (Endorsed in Information Science)

Postgraduate Certificate in Science Communication

Greta Merle File Alba Nicola Jelicich Kate Abigail Mora Jay Paul Queenin (Endorsed in Creative Non-Fiction Writing in Science) Allanah Maria Robinson

Notes on Doctoral Graduands

Emma Pax Veltman, PhD & PGDipClPs

Elucidating successful manifestations of psychopathy

This thesis was formally recognised by the Division of Sciences as being of exceptional quality.

Jessica Rose Calverley, PhD

Understanding prehab behaviour: Capability, opportunity, and motivation for preoperative physical activity in osteoarthritis patients

Supporting physical activity (PA) is important for the health of pre-operative patients with osteoarthritis, particularly with current surgical wait-times. Patients reported perceived capability (e.g., knowledge), opportunity (e.g., logistics), and motivation (e.g., maintained functionality) as influencing pre-operative PA decision-making/participation. They identified inadequacies in the current hospital pre-operative resource, and three clinical timepoints for intervention. Clinician-perceived challenges to successful PA conversations were capability (e.g., knowledge), opportunity (e.g., time/resources), and motivation (e.g., patient receptiveness). A patient-centred PA booklet was developed, incorporating this information with behaviour-change techniques to increase patients' PA and PA-related capability, opportunity, and motivation. A four-week pilot showed the booklet's success. Overall, findings elucidate patients' needs for pre-operative PA support, clinicians' challenges, and support the feasibility of a brief behaviour-change intervention.

Namrata Arishma Chand, PhD

Adamsiella angustifolia as an ecosystem engineer in soft sediment macroalgal habitats

Seaweed beds provide critical ecosystem services in coastal habitats, supporting human well-being. While the role of seaweed on hard substrates is well-studied, less is known about seaweed beds on soft sediments like sand and mud.

Adamsiella is an endemic, perennial, red seaweed, that could play a significant role in soft sediment habitats across Aotearoa. This research focused on Adamsiella beds in Otago Harbour, Ötepoti. Biomass and diversity of seaweed beds were examined, together with primary productivity and nitrogen uptake of Adamsiella Findings show Adamsiella can efficiently utilise light and nitrogen, contributing to primary productivity and biomass accumulation across all seasons, which support habitat provision. Adamsiella thus acts as an ecosystem engineer, playing a vital role in soft sediment coastal environments around Aotearoa.

Kieran Collienne, PhD

Machine learning models for complex trait prediction

Jack Rhys Hill Cooper, PhD

Living your best life: Exploring the interplay of sleep quality, physical activity, and dietary choices on wellbeing in young adults

Bridget Alice Lamont, PhD

Culture and cell cycle investigation of Cryptosporidium

The intestinal parasite, Cryptosporidium parvum, causes the diarrheal disease cryptosporidiosis in humans and livestock. In developing nations, this infection can cause death, particularly in children under 5 years old. Interestingly, New Zealand has comparatively high rates of cryptosporidiosis than other countries in the developed world mainly due to the size of New Zealand's livestock industry. Current drug treatments are ineffective and therefore this research focussed on investigating methods for continuously growing the parasite within a laboratory environment, to then be utilised to screen a library of peptoids, with the potential to have Cryptosporidium killing abilities. Our findings demonstrated that peptoids can kill the parasite and that further research is warranted to determine their suitability as a treatment for this disease.

Jingjin Li, PhD

Harnessing machine learning for identifying raw EEG signatures of chronic pain

By utilizing machine learning to identify objective biomarkers of chronic pain, this study demonstrates that simple, cost-effective, and clinically relevant neural signatures of chronic pain can be extracted from raw EEG data. These findings lay the groundwork for an Albased approach to developing improved neuromodulation treatments for chronic pain, which could significantly enhance pain management strategies and patient care.

Edward Cato Moody, PhD

Deletion of a Pax1 sex-associated genomic region associated with adolescent idiopathic scoliosis leads to disc degeneration, instability, and vertebral rotation in mice

Scoliosis, a 3-dimensional structural deformity of the spine, affects around 4% of the world population. Adolescent idiopathic scoliosis (AIS) is the most common form, arising over puberty, with unknown cause. There is a striking sexual bias with 9 out of 10 severe cases arising in females. Previous studies identified a region near the Pax1 gene as having an association to AIS in females.

This research investigated the association of this region with scoliosis in mice, looking at sex differences in gene expression over development and resultant disc degeneration and instability in the spine. This degeneration affects the structural integrity of the spine, making it more susceptible to curvature due to increased biomechanical forces travelling through the spine during pubertal growth.

Matthew Grey Robb, PhD

Towards dual functional spin crossover complexes

Spin crossover (SCO) complexes, discrete molecules that are capable of reversible switching between two spin states, show promise as components of future computing devices, sensing devices, and solid-state cooling materials. Designing spin crossover active molecules with the desired properties for these applications however is non-trivial. Additionally, incorporation of new spin state reporting mechanisms, such as fluorescence, is important for future use cases.

Significant steps were made, trough thoughtful molecular design, towards the goal of incorporating a fluorescent spin state reporting functionality into these complexes. Along with this, steps were made to combine ligand-centred redox with SCO enabling a new, electrochemical, switching mechanism.

Poramaporn Ruksasakchai, PhD

Entanglement enhanced magnetic field measurement with two "hot" atoms

Samuel William John Smith Bell, PhD

Transcriptional control of CAR T cell activity to improve safety and efficacy

CAR T cells are genetically modified immune cells that are reprogrammed to fight cancer. Despite showing incredible results in the treatment of haematological cancers, significant improvement is needed to translate the therapy to solid tumours.

This research focused on the use of activation-responsive (AR) gene expression systems to improve both the safety and effectiveness of CAR T cells, particularly in breast cancer. It was shown that CAR T cells bearing AR gene expression systems demonstrated tumour-specific activity and allowed for the effective clearance of primary tumours in a mouse model, comparable to that of established clinical products.

This research provides a platform for developing new AR CAR T cell therapies for the treatment of non-haematolgical cancers.

Ayla Faine Brienne Stenning, PhD

The spatiotemporal development and evolution of intraplate volcanism at the Dunedin Volcano, New Zealand

Understanding ancient volcanic systems is crucial for gaining insight into currently active volcanoes. The igneous rocks of eastern Otago record unique volcanism, active millions of years ago. Initially scattered volcanic activity (e.g., dispersed, short-lived, small-volume volcanoes) suddenly shifted towards concentrated volcanism (e.g., focused, long-lived, larger-volume eruptions) that formed the complex Dunedin Volcano, preserved as the hills surrounding the city of Dunedin and the Otago Peninsula. Despite this, the Dunedin Volcano remains under-researched. Using a variety of geological methods (mapping, petrography, geochemistry, geochronology, and paleomagnetism) to investigate the growth and evolution of the Dunedin Volcano, enhances understanding of analogous volcanoes elsewhere throughout New Zealand and worldwide.

Jai Dylan Palmer Whelan, PhD

An exploration of 3,4-methylenedioxymethamphetamine (MDMA) use in Aotearoa New Zealand

3,4-Methylenedioxymethamphetamine (MDMA), commonly known as ecstasy, is a popular drug recognised for its stimulating, pleasurable, and socialisation-promoting effects. While MDMA is associated with less harm compared to many other substances, there are still risks related to its use and criminalisation. Despite relatively high consumption in Aotearoa, little research has examined MDMA use in detail.

Drawing on survey and focus group data, the findings highlighted primarily positive MDMA experiences and lasting benefits, although instances of harm from MDMA or other drugs mistaken for MDMA were also noted. Various harm reduction behaviors were common, though only a minority of consumers used drug checking services. This research has implications for the expansion of harm reduction efforts and the development of drug policy.

Melanie Jane Young, PhD

Coping with nutritional stress: diet, dispersal and plasticity in the foraging strategies of hoiho (Megadyptes antipodes)

This thesis was formally recognised by the Division of Sciences as being of exceptional quality.

Thesis topics of doctoral graduands in absentia

Anna Katharina Manon Doehring, PhD

Collective storytelling to improve freshwater ecosystem health through catchment community knowledge sharing

The University of Otago

The University of Otago

History

The University of Otago, founded in 1869 by an ordinance of the Otago Provincial Council, is New Zealand's oldest university. The new University was given 100,000 acres of pastoral land as an endowment and authorised to grant degrees in Arts, Medicine, Law and Music.

The University opened in July 1871 with a staff of just three Professors, one to teach Classics and English Language and Literature, another having responsibility for Mathematics and Natural Philosophy, and the third to cover Mental and Moral Philosophy and Political Economy. The following year a Professor of Natural Science joined the staff. With a further endowment provided in 1872, the syllabus was widened and new lectureships established: lectures in Law started in 1873, and in 1875 courses began in Medicine. Lectures in Mining were given from 1872, and in 1878 a School of Mines was established.

The University was originally housed in a building (later the Stock Exchange) on the site of John Wickliffe House in Princes Street but it moved to its present site with the completion of the northern parts of the Clocktower and Geology buildings in 1878 and 1879.

The School of Dentistry was founded in 1907 and the School of Home Science (later Consumer and Applied Sciences) in 1911. Teaching in Accountancy and Commerce subjects began in 1912. Various new chairs and lectureships were established in the years between the two world wars, and in 1946 teaching began in the Faculty of Theology. The School of Physical Education was opened in 1947.

A federal University of New Zealand was established by statute in 1870 and became the examining and degree-granting body for all New Zealand university institutions until 1961.

The University of Otago had conferred just one Bachelor of Arts degree, on Mr Alexander Watt Williamson, when in 1874 it became an affiliated college of the University of New Zealand.

In 1961 the University of New Zealand was disestablished, and the power to confer degrees was restored to the University of Otago by the University of Otago Amendment Act 1961.

Since 1961, when its roll was about 3,000, the University has expanded considerably (in 2020 there were over 21,000 students enrolled) and has broadened its range of qualifications to include undergraduate programmes in Surveying, Pharmacy, Medical Laboratory Science, Teacher Education, Physiotherapy, Applied Science, Dental Technology, Radiation Therapy, Dental Hygiene and Dental Therapy (now combined in an Oral Health programme), Biomedical Sciences, Social Work, and Performing Arts, as well as specialised postgraduate programmes in a variety of disciplines.

Although the University's main campus is in Dunedin, it also has Health Sciences campuses in Christchurch (University of Otago, Christchurch) and Wellington (University of Otago, Wellington) (established in 1972 and 1977 respectively), an information and teaching centre in central Auckland (1996) and a dental facility in Manukau (2020), and a Schools' Liaison office in Wellington (2001). The Dunedin College of Education merged with the University on 1 January 2007, and this added a further campus in Invercargill, which also supports Health Sciences activities.

Governance

The supreme governing body of the University is the Council, presided over by the Chancellor. When it was first established its members held office for life. Its constitution was progressively amended in 1891, 1911 and 1946 to provide for the representation of certain local bodies and educational groups, the graduates, the student body and nonprofessorial staff. The present structure of the Council was laid down in the Education Amendment Act 2015.

The Council is advised on academic matters by the Senate, the membership of which is drawn mainly from the Heads of academic departments, but with representatives of other teaching staff and students. The Vice-Chancellor, who was designated as Chief Executive of the University by the Education Amendment Act 1990, convenes the Senate, which, in turn, is advised by the Divisional Boards and other Committees and Boards on matters which fall within their particular terms of

In 1989 the internal governance of the University was reformed by grouping the existing departments, faculties, and schools into four academic Divisions (Commerce, Health Sciences, Humanities, and Sciences). Each academic Division is headed by a Pro-Vice-Chancellor, Further changes to the executive group resulted in the appointment of two Deputy Vice-Chancellors (Academic, and Research and Enterprise) in 1994, a Chief Operating Officer in 2005, and a third Deputy Vice-Chancellor (External Engagement) in 2015.

There are several non-teaching Divisions and Offices with responsibility for administrative, financial, and property and facilities matters, and for the provision of other services for staff, students and alumni

Residential College Gonfalons





Est. 1971

Cumberland College

Est. 1991

Hayward College Fst. 1992







Fst. 2000





College Fst. 2000

College

The Ceremony

The essential structure of graduation ceremonies at the University of Otago took its present form in the 1920s. Elements of Māori ceremonial were introduced in 1995.

Members of the Council and staff of the University, preceded by the President of the Otago University Students' Association carrying the University Mace, enter in formal procession and take their places on the stage. The Chancellor and a representative of the Tangata Whenua greet the graduands and other members and friends of the University, and the National Anthem is sung, in both Māori and English, as an affirmation of the role of the University in the life of the nation.

Candidates for degrees and diplomas are presented by the Public Orator (in the case of honorary degrees), the Vice-Chancellor, Pro-Vice-Chancellors, and Deans to the Chancellor who formally "caps" those who are receiving degrees and congratulates those who are to receive diplomas. Degree and diploma certificates are presented by the Registrar and Secretary to the Council.

A Graduation Address is delivered by a senior member of the University or a distinguished visitor, the Chancellor formally welcomes the new graduates to permanent membership of the University, and proceedings conclude with the medieval Latin academic anthem *Gaudeamus*.

The Mace

The mace, a symbol of institutional authority, is carried at the head of the procession of staff and Council members as it enters and leaves the ceremony. It was presented to the University by the Otago Division of the British Medical Association as a mark of appreciation for the use of the Medical School buildings for the annual conference of the association's Dominion branch in 1948.

The mace is made of mahogany and hand-carved bronze, with gun-metal cap and heel. The head of the mace, topped with interlocking letters O and U, has a circle of clematis flowers above four shields – two enamelled shields (made in England) of the University's arms, one listing the faculties of the University in 1872 and 1948, and one commemorating the presentation – separated by New Zealand flax flowers, and is supported by stylised flax leaves

Weighing almost nine kilograms and just over 1.2 m long, the mace was designed by Mr Eric Moller and made in Dunedin by Mr D.E. Davidson of Musselburgh.

Academic Dress

The academic dress worn by most of the participants in the ceremony is descended from the daily dress of students and teachers of universities in the Middle Ages.

The black gowns worn by most Otago graduates are of the same design as those worn by Bachelor of Arts or Master of Arts graduates of the University of Cambridge. The hood worn around the shoulders is no longer a practical garment but indicates the wearer's degree: the colour of the lining of the hood shows the discipline of the degree; the hood for an ordinary Bachelor's degree is bordered with white fur, the hood for an Honours degree with white corded ribbon, and that for a Master's degree has either no border or a border of coloured ribbon.

Otago doctoral graduates wear gowns of maroon (Doctor of Philosophy and doctors in professional programmes) or scarlet (all other doctors), colours which were anciently reserved for peers, judges, and other high officials. Doctors' hoods are made wholly of coloured silk. Most graduates wear black trenchers ('mortarboards') but doctoral graduates wear velvet caps as worn by doctors of Scottish universities. Distinctive robes are also prescribed for senior officers of the University and members of the University Council.

There is no uniformity amongst universities in the style of academic gown or headgear or colours used, and the academic dress of American and European universities is markedly different from that of most Commonwealth universities, so there is rich variety in the regalia worn by members of the staff.

Hood Colours at the University of Otago for ordinary Bachelors' and Related Degrees:

Humanities

Arts – rose pink
Music – white
Performing Arts – dusk
Social Work and Social and
Community Work – sulphur
Māori Traditional Arts – fawn
Laws – powder blue
Teaching – flame
Education Studies – rustic brown
Education – coral
Theology – kingfisher blue
Divinity – violet grey

Sciences

Physical Education – mistletoe Science – lido blue Applied Science – straw gold Mineral Technology – rust Surveying – reseda

Commerce

Commerce – tangerine Tourism – purple brown

Health Sciences

Dental Surgery – spectrum violet
Dental Technology – parma violet
Oral Health – amethyst
Health Sciences – magenta
Radiation Therapy – purple grape
Biomedical Sciences – fuchsia
Medical Laboratory Science – petunia
Medicine and Surgery – lilac
Medical Science – crocus mauve
Pharmacy – spectrum green
Physiotherapy – peacock green

Interdivisional

Arts and Science – jet black with lido blue and rose pink Arts and Commerce – jet black with tangerine and rose pink Commerce and Science – jet black with lido blue and tangerine

Graduate Women Otago

In May 1921 the University of Otago's University Women's Association amalgamated with the International Federation of University Women which was formed following the First World War, with a mission to support education and equality for women, human rights, social justice and lifelong learning. In 1928 the Otago Branch began to make and hire regalia and its dedicated group of cutters, sewers and pressers thrived and continues to this day. By 1935 the Branch owned 19 hoods, 11 trenchers and one gown; today it owns 3,990 hoods, 1200 trenchers and 1395 gowns.

The Otago Branch of Graduate Women (formerly New Zealand Federation of Graduate Women) has made a major contribution to the gowning of graduates and staff over many decades. Revenue raised from hire goes towards the provision of scholarships, awards, study grants, conference travel, research and community-based projects.

Town Hall and Organ

The Town Hall, which is noted for the quality of its acoustics, has been used for most Graduation ceremonies since 1930, although some Ceremonies have been held in the Town Hall Concert Chamber (now the Glenroy Auditorium), the University Union Hall, and the Regent Theatre.

The foundation stone of the Town Hall was laid on 3 March 1928 and the completed building, which cost about £86,000, was opened in February 1930. The entire Town Hall complex was extensively modernised and refurbished between 1985 and 1988, and further upgrading and refurbishment was carried out between 2011 and 2013 at a cost of \$44 million.

The organ, which has 3,500 pipes of which the largest is almost 12 metres long, was built in London in 1921-1922 by William Hill & Son and Norman and Beard. Despite its bulk it was at first transported around England for performances in provincial towns and cities. It was also played at the British Empire Exhibition held at Wembley in 1924-1925 after which it was installed in the opera house at Tunbridge Wells. The organ was bought for £16,000 by Mr and Mrs A.S. Paterson, enlarged before being sent to New Zealand, and installed in time for the official opening of the Town Hall. Between October 1993 and October 1995 it was completely overhauled and restored.

Staying Connected

A Permanent Member of the University

Graduation is a wonderful celebration. Its formalities mark the culmination of much hard work and the beginning of an exciting new phase of life.

Graduation also marks the beginning of a new status as a full and lifelong member of the University of Otago. A graduate is one of a community of over 100,000 who have their Otago achievements as a common bond.

The University welcomes today's graduates to this community. We very much value maintaining contact with alumni and hope that they too will appreciate an ongoing relationship.

The Development & Alumni Relations Office coordinates contact with graduates, to keep them updated on what's new at the University, and especially what's new for alumni. Graduates receive the *University of Otago Magazine* twice a year, and invitations to events which take place for Otago alumni in New Zealand and around the world. Our schedule is published in the *Magazine*, and posted on the Otago alumni web pages, which also includes web pages featuring highlights from graduations, and information on alumni networks in New Zealand and abroad.

We encourage all graduates to keep in touch with their university.

So that we can be sure that we send information relevant to their location, we ask graduates to keep their contact details updated by emailing the Development & Alumni Relations Office with their new addresses or by using the change of address form on our web pages.

Development & Alumni Relations Office University of Otago PO Box 56 Dunedin

Phone 64 3 479 4516 Email alumni@otago.ac.nz alumni.otago.ac.nz

Alumni n pl/(lúmni)/graduate or former pupil of school, college or university

Distance Learning

While graduation may mean leaving Dunedin, continued learning is available from the University of Otago through Executive Education and Professional Development short courses as well as the many Distance Learning programmes. For more than 25 years, Otago has provided fully supported Distance Learning study of individual papers or entire programmes at a distance. For further information visit the University website: otago.ac.nz



God Defend New Zealand

E Ihowa, Atua
O Ngā Iwi Mātou rā
Āta whakarongona;
Me aroha noa.
Kia hua ko te pai;
Kia tau tō atawhai;
Manaakitia mai
Aotearoa.

TRANSI ATION

O Lord Jehovah,
God of all,
Listen to our humble plea
As we meet in love.
May your grace be upon us;
May good things abound;
Defend and protect
New Zealand.

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

Gaudeamus

Gaudeamus igitur juvenes dum sumus Gaudeamus igitur juvenes dum sumus Post jucundam juventutem, post molestam senectutem Nos habebit humus, nos habebit humus

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

TRANSLATION

Let us rejoice therefore, while we are young
Let us rejoice therefore, while we are young
After the pleasure of youth, after the burden of old age,
The earth will have us, the earth will have us.

Long live the University, long live the professors. Long live the University, long live the professors. Long live each member, long live every member May they ever flourish, may they ever flourish.





WEDNESDAY 11 DECEMBER 2024