



direct assessments to Government, the team has undertaken a comprehensive programme of publishing peer-reviewed research so that modelling and the underlying method and assumptions are in the public domain. This work has been hugely significant for New Zealand in navigating its response to COVID-19, and we are proud of our researchers' contributions as recognised by this prestigious award.

Engagement

Increase our presence and impact in tautahi Christchurch, a graduation communications plan

To increase the University's presence in tautahi Christchurch, a graduation communications plan was implemented in April to celebrate UC's graduands. Activities included communicating an overarching media story about the graduation ceremonies, as well as releasing news stories celebrating a graduand from each college. Graduation was also featured on the homepage of UC's website, with a link through to all April graduation stories. A full-page advertorial featured in the Mainlander section of the Press on 10 April, and throughout the week of the graduation ceremonies Time Saver Traffic advertising ran on NZME radio stations. Two graduate stories that were picked up by media outlet, Stuff with the headlines: [New research by a university graduate could change the way premature babies are treated](#) and [PhD graduate used resilience and desire to 'get involved' to make Christchurch home](#).

The Communications and Engagement team worked with the Knowledge CommF>2 0010184 0(d)4 t(e)4

Media Impact Score	2.7	3.0	2.7	1.7
Positive Message Penetration	70%	40%	39%	22%
3 U R S R U W L R Q R I 3 U I	65%	65%	64%	20%
3 U R S R U W L R Q R I 3 R Y	74%	75%	73%	n/a

Key Findings

Overall the volume of coverage increased to 1,350 (Q1) from Q4 2020 (1,144 reports) and from Q1 2020 (1,140), which is rather significant when taking into consideration the summer break when we normally see a slight decrease in coverage. Reporting remained positive overall with almost three quarters of coverage positive in tone and the proportion of negative reports remained unchanged at 1%. The Media Impact Score [MIS] was slightly lower from 2.8 (Q4) at 2.7 which can be attributed to a decrease in the proportion of very positive coverage down from 2% to 1%.

Academic commentary remained the leading theme of coverage, followed by Research which were equally positively reported with a MIS of 3.7. Greatly driven by the proportion of proactive coverage accounting for 65% of all reporting.

Negative coverage included mentions of UC in the Education and Workforce select committee review and criticism from Georgina Knox daughter of researcher George Knox about the state of the Kaikoura Field Station.

As per usual there was a large proportion of positive and very positive stories to pick from, but some of the most positive touched or talked to some of the leading issues in 2021, COVID and Climate Change, with research pieces about potential COVID breath testing and storing carbon dioxide in rocks contributing some of the highest MIS scores.

There were very positive reports on UC's commitment to enable Māori youth to prosper, partnering

tautahi Christchurch. As a result, initial teacher education students are completing their seven-week practicum placements in communities across the full expanse of Aotearoa; including in the west, east Coast and top of the North Island, throughout Central Otago, and wider Southland. UC is now a key partner in preparing new teachers for all of Aotearoa.

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The Kai rahi (Service Units) has begun a three-month secondment (0.4 FTE) at Tokona Te Raki (M ori Futures Academy) to lead the design and development of a new undergraduate degree programme. At an initial w nanga with key UC academic leaders, Kai rahi from Te Waka P k kano and representatives from Tokona Te Raki on 25 March, consensus was reached in full support of the preliminary design of this interdisciplinary degree programme. All present committed to continue to advance the programme's development over the coming weeks. Internal and external consultation is now underway.

The new Bachelor of M ori Innovation (BMINN) degree aims to better prepare students to work within iwi and/or M ori organisations through pioneering a new model of tertiary education delivery, enabling students to engage in employment integrated learning while completing an undergraduate degree. The BMINN focuses on providing taiohi (youth) with a strong foundation across a range of

3 X E Engagement

Professor Gail Gillon, Director of our UC Child Wellbeing Research Institute, together with Professor Angus Macfarlane hosted a very successful research symposium on 8 - 9 April. The symposium was attended by 168 registered participants including researchers, practitioners and community leaders. All the leaders within the Child Wellbeing Research Institute were involved, which led to the presentation of an outstanding array of world-class research related to our tamariki's wellbeing across health, education, social science. Our doctoral students also attended and presented high quality poster sessions.

Honourable Judge Andrew Becroft, Children's Commissioner, and Glenis Philip-Barbara, Assistant Commissioner M ori gave a powerful and truly inspiring key note address. Judge Becroft applauded UC and the Child Well-being Research Institute for taking a holistic view of children's wellbeing from across a wide variety of research disciplines. The audience greatly valued the opportunity to attend the symposium in person and to network with their colleagues, which was reflected in their very positive survey responses. Feedback from participants included:

- x "The whanaungatanga showed was amazing. Such a great sense of belonging in the symposium."
- x "I've loved every presentation, being pampered with the delicious food, and the networking and discussions in the breaks was so valuable."
- x "This symposium was fantastic – I really enjoyed all the speakers"

Each year the College of Arts hosts "An Evening With" series at our Arts Centre location in the central city. The first of these evenings featured Vana Manasiadis, the current Ursula Bethell Writer in Residence in the English Department, in conversation with Nicolas Wright, about her collection of poetry *The Grief Almanac: A Sequel* (2019), described as a "hybrid of poetry, memoir, letter, essay and ekphrasis". In the same week, again in our city location, Christchurch Art Gallery curator Ken Hall presented a talk at the Teece Museum on the influence of the art and iconography of the ancient classical world for art and artists in Aotearoa New Zealand. The Teece also collaborated with UC Classics Society (Classoc) to host its first-ever classical board games' night, asking its participants "Are you a master strategist like Odysseus? Does Hermes always bring you luck in games of chance? Will Athena ensure that victory is yours?"

Canterbury University Press authors will feature in upcoming book festivals. At the Auckland Writers Festival - Jenny Sew Hoy Agnew, co-author of *Merchant, Miner, Mandarin: The life and times of the remarkable Choie Sew Hoy* (CUP, 2020), will participate in a session on wh nau stories. In addition, Featherston Booktown Karukatea Festival. Roger Robinson, author of *When Running Made History* (CUP, 2019), will moderate a panel on sports writing.

The College of Engineering BrainDate series, held on campus for the public, is designed to bring industry and academics together around a common theme, to share academic research and hear from industry about some of the opportunities, innovations and challenges it is experiencing. The BrainDate on 21 April showcased HealthTech and as usual featured external speakers together with UC academics. Audience numbers so far have been excellent, with over 60 attending in person and more online attendees at each event so far.

On 11 March Adrienne Paul presented at the Canterbury Woman's Legal Association Learn and Lunch event held at Buddle Findlay. Adrienne introduced general concepts related to tikanga M ori

and the law to a sold-out event. The presentation was well received with the audience enjoying the content and style of delivery. This event provided scope for further collaboration in the future.

In the last week of March, Dr Elizabeth Macpherson ran virtual training for judges in Ecuador on the rights of nature. This was a collaboration between an environmental non-govern-

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Professor Malcom Campbell led COVID-19 contact tracing research with UC's GeoHealth Laboratory, School of Health Sciences, Denmark's BERTHA Big Data Centre at Aarhus University and the New Zealand Ministry of Health to determine how a simple message designed to apply to everyone equally – 'stay home' – actually played out across the neighbourhoods we live in.

Professor Angus McIntosh of the School of Biological Sciences and Associate Professor Cate Macinnis-Ng of the University of Auckland have co-authored an article for *The Conversation*. Using Aotearoa New Zealand as a case study, they outlined how climate change accelerates biodiversity decline on islands by exacerbating existing conservation threats.

UC continues to progress its international research reach. Associate Professor Alan Wood from UC's research centre EPECentre has been appointed to the Research Advisory Panel for the Australian *RACE for 2030* Cooperative Research Centre (CRC). CRCs are Australian research centres working at the interface of academia and industry. *RACE for 2030* is a research centre that aims to accelerate the transition to reliable, affordable clean energy for 2030. Its work aligns with similar research initiatives in New Zealand, including significant UC research.

Dr Laura Revell and her research collaborators had three papers accepted into three international science journals in the space of three business days:

- x "Atmosphere-ocean feedback from wind-driven sea spray aerosol production" in *Geophysical Research Letters*, with contributions from past UC Physics students Ngaire Wotherspoon and Ollie Jones, and current Physics PhD student Yusuf Bhatti along with collaborators at NIWA, the UK Met Office and the University of Otago.
- x "Comparison of deposition sampling methods to collect airborne microplastics in Christchurch, New Zealand" in *Water, Air, & Soil Pollution* with contributions from past chemistry student Ella Knobloch and current postgraduate students Helena Ruffell and Alex Aves as well as collaborator Olga Pantos at ESR.

"WRF4PALM: A mesoscale dynamical driver for the microscale PALM model system 6.0" in *Geoscientific Model Development* led by atmospheric physics PhD student Dongqi Lin, with co-supervisors Professor Rudi Marquez and Dr Marwan Katurji.

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The first UC Doctoral Orientation was held on 31 March, which hosted over 30 students from across UC, as well as students affiliated with the joint postgraduate school Food Transitions 2050. A highlight of the day was a panel session where experienced UC supervisors and students answered new students' questions and gave them tips and advice. Dean of Postgraduate Research Professor

assessment, and places UC at 516. That puts UC in the top 2.7% internationally, 23rd within Oceania, and 3rd within New Zealand behind Auckland and Otago. The core of the assessment is based around the quality of education (as measured by major academic distinctions of alumni), alumni employment (as measured by top executive positions of alumni), quality of faculty (as measured by number of faculty winning major academic distinctions) and research performance.

Competition Source
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The Science Board of the Ministry of Business, Innovation and Employment (MBIE) has released its decision on which Endeavour Fund Smart Idea Concepts will progress to full proposal. UC researchers submitted 41 concepts, 13 of which have been invited to this next stage. Across Aotearoa New Zealand (inclusive of universities, Crown research institutes and private research institutes), 113 concepts have been invited, meaning UC represents over 11% of those in the next round. Full proposals are due on 19 May 2021 and we anticipate final funding decisions will be released mid-September.

As the first quarter of 2021 closes, UC is progressing well with its external research income capture. To the end of March, UC had secured (either through a contract or award letter) over \$34 million of competitive funding.

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UC has been successful as a partner in two new Catalyst awards. The MBIE Catalyst Fund is targeted to support international collaboration, with a recent round specifically targeting space-related research with Germany. Associate Professor Wolfgang Rack (Gateway Antarctica) is the UC lead in both funded projects. The first involves working with Oceanum Ltd to detect sea-ice in the Southern Ocean, while in the second UC and Kea Aerospace are exploring the potential for Kea Aerospace solar aircraft to carry miniaturised sensors for glaciological monitoring and logistical support in Antarctica.

Associate Professor Kumar Yogeewaran has partnered with Dr Diala Hawi from the Doha Institute for Graduate Studies and colleagues from the University of Auckland and Sidra Medicine on a three-year longitudinal study of social attitudes, personal values and health outcomes of the people of Qatar. This is the first time this type of research has been conducted extensively on a national scale and the results will assist with implementing mental health strategies, public policies and social interventions.

The Food Transitions 2050 postgraduate school has begun to widen its engagement with end-user

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from \$15,000) and the very high cost of flights currently. An increasing number of students who are eligible to return through the '1,000' cohort are expressing disquiet about returning under these conditions.

UC has had 90% of our quota of 82 students among the '1,000' cohort approved by the Ministry of Education and expects to complete the quota by the end of the month (there are weekly submission points, as we await students' confirmation first). Although a significant amount of time is involved in moving through the Immigration New Zealand process, after a slow start we now have 13 students who have been granted visas under this exemption class. We expect to have 40-50 more by the end of the year.

contingent joined via this pathway. Studying a wide range of majors, 42% of our international BA students in Term 1 are from China while 16% entered from India and 10% from Malaysia. The College also welcomed four PhD students studying online, who join 16 other international students in research degrees that range from Political Science to Sociology and Music, and from Linguistics to History.

Promote understanding of Aotearoa New Zealand

The UC Business School Internationalisation team hosted a networking event for international students and alumni in Christchurch on 8 April. This is the first step in a mission to develop a community of belonging and support for the School's international students and alumni as they pursue their career goals.

The event included presentations from two alumni, Yeepin Low from Mint Design New Zealand and Chanya Ussaneerungrueng from Canterbury Tech, who shared their networking tips and advice for achieving career success.

The event received with widespread positive feedback from attendees, who comprised 28 graduates and seven current students. Planning will now turn to organising a follow-up event, and to considering ways to engage international alumni in other cities and countries. To help with this, a UC Business School International Alumni Group has been established on LinkedIn to keep alumni up to date about upcoming events and activities.

2022-23 Financial Performance

Operating Surplus

The full-year operating surplus forecast in March has a movement against budget of \$21.221 million. The forecast surplus is now \$6.316 million compared with the original budgeted deficit of (\$14.905) million.

This favourable movement in the forecast is largely related to a higher forecast of student income, including the Student Achievement Component (SAC) at \$20.8 million or 7.9% ahead of budget this year. This improved forecast is driven by a strong increase in Domestic students following the national recession related to the COVID-19 pandemic.

We have some confidence that the SAC increases above the 102% threshold will be funded.

Hayward and Sacha McMeeking, and Corban Te Aika was the MC. On social media, engagement pre-event reached around 50,000 people. We are now gearing up for the third event, to be held online again in June.

UC hosted EVO Cycles to run an e-bike trial on campus. It was an opportunity for staff and students to try out and ask questions about e-bikes. EVO has offered discounted e-bikes to staff and students 17 months with no payments and no interest. About 50 people attended the event.

The Sustainability Programme Board held its first meeting of 2021 in March. One of the topics covered was the new Sustainability Hub website, which is nearing a version that can go live. After identifying 14 degrees, majors and minors as pertinent to sustainability, the Board will continue to add groups of relevant courses to the list. This will mean that all colleges will have a presence in the topics they can contribute to

Past Events	
31 March 2021	x Attended New Zealand Qualifications Authority Board (NZQA) meeting via Zoom
1 April 2021	x Hosted farewell for Lynn McClelland
8 April 2021	x Attended and spoke at the 2021 Child Wellbeing Symposium
9 April 2021	x Telephone meeting with Sir John Kirwan regarding Mentemia
13 April 2021	x Met with Christchurch District Health Board Chief Executive Peter Bramley x Attended Prime Minister's Science Prizes ceremony in Wellington x Along with the Chancellor, met with Minister Hipkins in Wellington 68 111.96 2 170
14 April 2021	

Upcoming Events	
5 May 2021	x Attending 2021 Smart Seeds as a panel judge
6 May – 7 May 2021	x Attending NZQA Courageous Conversations – Beyond Diversity Two Day workshop in Wellington
11 May 2021	x Meeting with new Audit Director from Audit New Zealand
12 May 2021	x Attending via Zoom Universities New Zealand Vice-Chancellors' meeting
14 May 2021	x Attending Lincoln University Faculty of Agribusiness and Commerce Graduation ceremony x Speaking at Christchurch Club Mother and Daughters dinner
19 May 2021	x Attending New Zealand Scholarship 2020 Top Scholar Awards in Wellington with NZQA Board members x Meeting with Minister Hipkins in Wellington with NZQA Board members
24 May 2021	x Attending and presenting at the Early and Emerging Career Research awards
26 May 2021	x Attending Courageous Conversations Beyond Diversity Unpack and Coaching workshop session via Zoom
27 May 2021	x Attending NZQA Board meeting via Zoom
28 May 2021	x Attending Universities New Zealand Vice-Chancellors' meeting via Zoom