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UNIVERSITY OF CANTERBURY
Te Whare Wānanga o Waitaha
CHRISTCHURCH NEW ZEALAND

VICE-CHANCELLOR'S REPORT TO UNIVERSITY OF CANTERBURY COUNCIL OCTOBER 2019

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1. OVERVIEW

The death of UC student Mason Pendrous and the length of time before his death was discovered has been the priority over the past weeks. Three investigations are in progress at the time of writing this report: by the police, the coroner and the independent investigation commissioned by the UC Council. On behalf of the UC community I have expressed our heartfelt sympathy to Mason's family and friends. Support has been provided to Mason's family and all affected students. On Friday 11 October Paul O'Flaherty (who has been in liaison with Mason's family) and I attended Mason's memorial service in Wellington. On Tuesday 15 October there was a blessing ceremony at Sonoda followed by the planting of a cherry blossom tree in the Ilam homestead gardens – family members, friends and fellow students attended.

Teaching has concluded for the 2019 academic year and students are busy with examinations and other requirements for academic progression. In the past weeks there have been a number of pleasing accolades and acknowledgements for UC staff and alumni. UC's Head of the School of Forestry, Professor Bruce Manley, was honoured with a Forestry Science Award for his dedication to and leadership of forestry research, and his innovative work on carbon forestry. Minister of Forestry Hon Shane Jones presented him with the award during a State Forest Service centenary event. The award reflects Professor Manley's extensive pioneering work as a leader of research groups focused on carbon capture by planted forests and analysing commercial forest resource quality, as well as his instrumental role in advancing the wider adoption of estate-modelling techniques in forest planning.

At the recent Westpac Business Awards, which celebrate the excellence, innovation and success of businesses and non-profits in Canterbury, UC alumni won both Supreme Awards. TASKA Prosthetics, led by Jamie Cairns, is a producer of the world's first waterproof myoelectric prosthetic, and won the Westpac Supreme Med-Large Business Award. Ethique, a zero-waste beauty brand led by Brianne West, won the Westpac Champion Supreme Award Small Business. Both companies are leading the way in developing new innovative products with rapidly growing global demand.

UC alumni were also well represented among the winners of many of the other award categories. Oliver Hunt, CEO of MedSalv, a new and emerging sustainable reprocessor of single-use medical devices, won the Christchurch City Council Champion Business for Good Award. Also notable was John Brakenridge, Chief Executive of NZ Merino, who won the Lyttelton Port Company Champion Med-Large Exporter Award for this innovative merino wool company, which supplies companies worldwide such as Allbirds and Icebreaker.

The two individual categories went to UC alumni as well. Anton Matthews from FUSH was recognised with the Emerging Business Leader Award for his dedication in revitalising te reo Māori in Ōtautahi, while Bruce Irvine received a Special Commendation for his business contribution to Canterbury. Overall it was an extremely successful evening for UC alumni, who are leading a range of new and established businesses that are making a real difference in Canterbury.

At the Royal Society 2019 Research Honours in Dunedin, the honour of Royal Society of New Zealand Honorary Companion was awarded to Sir Tipene O'Regan, retired UC Assistant Vice-Chancellor Maori in recognition of his eminent contributions especially in relation to the advancement of scholarship in traditional history and ethnology of Ngāi Tahu and Te Waipounamu as well as broader contributions to the tribal and Māori knowledge base.

The University has hosted several events over the past month. Notable among these was the official opening of the Beatrice Tinsley Building on the 1 October. The building was officially opened by the Minister of Research, Science and Innovation and UC alumna Hon Dr Megan Woods, in the beautiful atrium Whatukura, named after Tāwhaki and his ascent through the heavens in pursuit of knowledge. We were pleased that 11 members of the Beatrice Tinsley family were at the event and Brian Tinsley spoke on behalf of the family.

Diversity Fest 2019 took place from 9 September – 11 October as a vehicle for students and staff to promote activities and learning opportunities that celebrate and advance our unique, diverse and inclusive university culture, whilst acknowledging our values and respect for others. 30 unique events and activations took place over the five weeks with an estimated 5,000 people from UC and the wider community taking part. The theme for this year was 'He waka eke noa' – 'A canoe on which everyone may embark'.

The feedback from Diversity Fest has been positive with both students and staff commenting on the value of this initiative and the fact that it has given diverse groups on campus a voice and encouraged people to learn more about each other's differences while celebrating what we all have in common.

A highlight was the "Beyond Clicktivism: Activating social solutions" public lecture presented by Professor Ann Christiano and Ellen Nodine from the University of Florida. This brought 174 staff, students, and members of the public to the Ngaio Marsh Theatre to learn how to engage audiences beyond social media clicks and likes by telling stories and using pictures.

2. STRATEGIC MATTERS

2.1 E Tū, Kia Ora –Strategy Development

The UC Strategic Vision has been published in two forms: a short folded document that includes the themes and objectives; and an illustrated, contextualised and simplified version of the one that the Council approved at its September meeting. The Academic Board has been an integral part of the process and significant staff engagement has occurred throughout the development of the Strategy. Staff were briefed about the final strategy on 14 and 15 October at two well-attended open sessions (attracting about 400 staff) held in Haere-roa.

An overarching driver is an institutional commitment to engagement. A university that commits itself to engagement undertakes to deploy its expertise and knowledge to advance civic purpose and to foster public good. UC will continue to support staff who are engaged, empowered and making a difference, with the goal of increasing purposeful academic efforts to make a difference regionally and in the world. Through the Strategy, we have affirmed our identity as a medium-sized, research-intensive, comprehensive university. This will mean continuing to expand our education and research activities and the associated sources of revenue.

The next step for the Strategy is implementation which is likely to be challenging in a financially constrained environment. Using the detailed action plans that have been developed, we will be looking at feasibility, costings, timing and dependencies.

It is pleasing to note that the new strategy is already influencing academic thinking about new programmes and associated events. An example of this was the highly successful launch of the new UC MBA at an event hosted at Tūranga in rhe City. The launch was very well attended with over 120 people, and took the form of a panel discussion chaired by Graham Grant, Chief Operations Officer - Seequent Tech & Chair of the MBA Advisory Board. I was privileged to be one the panellists, who were Joanna Norris, Chief Executive Officer, Christchurch NZ, and Nick Carter, Partner at Brannigans. The event was sponsored by Brannigans and the UC Centre for Entrepreneurship.

2.2 UC Futures Programme – UC Ki Mua

When UC Futures, the UC earthquake recovery programme, was initiated and agreed with the Government, the Government proposed an additional layer of governance for UC. This is a joint board made up of senior Government officials, in the majority, and UC Council members. The

Governance Oversight Group (GOG) met via teleconference on 20 September 2019 and agreed to recommend to the Minister that it disband. The underlying Crown Funding Agreement will remain in place as UC completes the final stages of our recovery programme, including enrolment recovery and the final accounts for the construction projects. All the construction is complete and the buildings occupied, while the last defects, warranties and commercial project settlement will be completed over the coming months.

3. STUDENT RECRUITMENT

3.1 Domestic Recruitment

Conversion is progressing as the Liaison office continues course planning with individual students and their whānau. So far, over 2,300 students have completed course-planning for study in 2020. Applications to enrol officially opened in October until the soft-closing date of December.

As school visits have concluded, the team shifted focus to contacting students who were missed during the school visits.

The Pacific liaison officer accompanied colleagues from the Pacific Development Team on an outreach trip to Oamaru schools. As part of the trip, the visitors participated in the Pacific Tertiary Awareness Evening. One in four Oamaru residents is Pasifika.

UC Me 2020 recruitment is in full swing with over 200 initial applications. October sees the final students chosen and interviewed for the campaign next year. The Marketing team is creating new video and photo content before students leave, to be ready for February. All performance metrics are improving, including increased clicks – up 59% – and advertisement click-through rates, up 88%. In collaboration with the School of Business, we have launched a new Master of Business Administration (MBA) campaign via online, print and outdoor channels. It will have a distinct new look to communicate the new offering.

The Summer School campaign is in market with good initial results and will conclude mid-October. Other in-market campaigns include Bachelor of Laws (LLB), Bachelor of Criminal Justice (BCJ), Certificate in University Preparation (CUP) and Business Taught Masters.

The Calendar publication is set to print later this month and the team is gearing up for next year's 'Intro to UC' publications.

3.2 International Recruitment

International recruitment events for 2020 and future intakes were recently completed in Southeast Asia, Europe and South Asia. Northeast Asia (in particular China) recruitment events are underway involving International Relationships Office and China-based staff and are due for completion by the end of November.

The Study Abroad team attended a number of recruitment events in the United States throughout September, as part of the US Fall recruitment season, targeting prospective Study Abroad students for July 2020 and beyond. The team has visited and attended fairs at Syracuse University, George Washington University, Point Loma Nazarene University, Hampshire College, SUNY Brockport, SUNY Geneseo, University of North Carolina at Chapel Hill, Smith College, Mount Holyoke College, Colorado School of Mines, Iowa State University, University of Redlands, Duke University, Pace University, Northeastern University, Wheaton College, UC Berkeley, University of

Massachusetts Amherst, Princeton University and Ithaca College. A new Study Abroad agreement was signed with DePauw University, which will commence in 2020.

The Partnerships team recently developed and distributed promotional materials to key partner institutions in Malaysia and China: KPM, UniKL, INTEC, Tianjin University and Northwestern Polytechnic University.

4. STUDENT EXPERIENCE

4.1 UC Careers

Student engagement with the UC Careers online interactive tool, Abintegro, continues to be high with over 3,600 users and over 32,000 activities this month. CV360, a new feature that scores and provides instant feedback on uploaded CVs, is also popular: over 600 UC student CVs were uploaded in the first week and scores and feedback were provided for about 400 of them. Abintegro frees up career consultants to spend time with students on more complex career-development issues. Feedback on the tool from students has been very positive.

Over 9,000 students have interacted with employers on campus through employer presentations and/or careers fairs in the year to date.

4.2 Student Care

Student Care continued to experience an increase in the numbers of students accessing services during September. Compared with the same time last year, 1,138 more students have used Student Care services in the year to date. The new Student Incident Response Plan SharePoint system was used this month for the first time to record and provide timely updates to the Senior Management Team and other key stakeholders.

As per a request from the New Zealand Qualifications Authority (NZQA), UC has requested all accommodation services ensure all students staying with them, including international students, are safe, well and properly cared for.

Two proposals were submitted for the International Student Wellbeing funding initiative:

- producing videos to demonstrate effective intercultural communication behaviour in a UC context
- i-connect: social inclusion programme.

4.3 Student Experience Team (SET)

The Student Experience Team completed its leadership recruitment process, through which it has offered 35 positions on the Emerging Leaders Development Programme (ELDP), Go Canterbury and UniLife for 2020. UC Mentoring recruited 47 new mentors, bringing the team to 64. ELDP alumni supported the 2020 cohort shortlisting process by scoring over 1,200 applications in one week. This rigorous process was well received by the Scholarships Committee and will be repeated in 2021.

Go Canterbury ran an ‘Amazing Race’ to consolidate students’ knowledge of the support and services available on campus as they move into their second year. A sunny day in Akaroa on Saturday 28 September gave the students an opportunity to take a break from their studies and spend quality time

with friends. As one student commented, "This was one of my favourite trips … When times get hard mentally during exam periods, it'll be memories of trips like these that help me out of that mind-set."

4.4 Equity and Disability Service

UC recently hosted Oxford Scholars for three weeks. During their visit, the scholars undertook an exploratory project examining what steps UC could take to create a more inclusive environment for international students, and to facilitate meaningful interactions among UC's diverse students to help internationalise students' experiences. They carried out research, interviewed many staff from key areas, and outlined their recommendations in a written report and oral presentation.

Three recommendations were put forward for the Joint Operations Advisory Board and the Central Equity and Diversity Advisory Committee to discuss:

1. Set up small, compulsory, student-led group workshops for new students on topics such as bicultural competence and confidence, implicit bias and consent.

2. Implement a whānau/family system similar to what is commonly found at UK universities, whereby students are grouped according to subject area into a small 'family'.

3. Increase the proportion of alcohol-free events, and ensure that they are not merely alternatives to events with alcohol available, but fully fledged, independent events.

Many events took place over September during Diversity Fest 2019 to celebrate the many cultures at UC.

Week one focused on Māori Language Week. Key events included: Te Wiki o Te Reo, Taupatupatu, Café Reo and Māori board games. Week two centred on education and faith based events as part of our UC Islam Awareness Week. Key events included an inter-faith dialogue over two days featuring an internationally renowned Muslim Professor from Australia, a Priest, a Rabbi and an Atheist speaker – followed by a religious Q & A community session. Week three focused on Mental Health Awareness week and included events such as the 'Whanaunga from another Maunga' Business and Law event which had approximately 700 people in attendance and involved supporting student well-being and breaking down loneliness on campus.

Week four and five focused on student club events, Fijian Language Week and LGBTQI+ events. A highlight in week five included the 'Beyond Clicktivism: Activating social solutions' public lecture presented by Professor Ann Christiano and Ellen Nodine from the University of Florida. This brought 174 staff, students, and members of the public to the Ngaio Marsh Theatre to learn how to engage audiences beyond social media clicks and likes by telling stories and using pictures.

4.5 Wellness Services

4.5.1 Rec & Sport

Two University and Tertiary Sport New Zealand (UTSNZ) tournaments – in basketball and netball – took place in September. The UC netball team finished third while the UC men's and women's basketball teams finished second and fifth respectively. After 10 tournaments throughout the year,

UC finished a respectable third overall out of the eight New Zealand universities – moving up from last year's fourth place.

Rec & Sport hosted a visit from the Paralympics NZ CEO and High Performance Director to strengthen the existing relationship and discuss further collaboration. Their visit included a tour, which encompassed the Biomechanics lab in K1, the Human Interface Technology Lab (HIT Lab NZ) and Mechanical Engineering department, as well as the opportunity to engage with various UC staff around potential partnerships.

Over the year, 44 students have participated in the Sport and Fitness Academy, the majority of whom are high-performing athletes at the top level of their chosen sport. This number of participants represents an increase of more than 100% compared with 2018. This increase is particularly impressive given students faced no cost for their participation in 2018 whereas a user-pays programme was introduced in 2019.

RecCentre memberships continued to grow, reaching a total of 9,445 at 30 September. Of these, 1,518 were postgraduate and 7,474 were undergraduate students. The remaining 453 were other memberships, comprising 199 staff and 254 members in the community, alumni/affiliate and non-UC-student categories.

4.5.2 Health Centre

Demand for mental health support services has continued to challenge Health Centre resources. Consistent with this year's trend, demand for counselling appointments increased by 24.3%, significantly above the previous year's figures. This demand placed pressure on the wait-time. However, as the Health Centre team adopted the new triage role and used flexible contractors (especially in March and April), it has been largely able to manage this increase within budget and has kept the average wait-time to about 9.2 days in the year to date. In the context of the response of broader community health services to a general increase in demand, this is a very good result.

5. STAFFING, HEALTH AND SAFETY

In the year since 30 September 2018, academic staff levels have risen by 51.5 full-time equivalent staff (FTE), mostly in college areas that are experiencing growth in student numbers. Over the same period, there ha**s** been an increase of 3.9 general staff FTE (5.4 increase in colleges, 1.5 decrease in service units). College technical staff levels have increased by 4.7 FTE.

My thanks to staff who did a good job of supporting colleagues who were working in Japan during the recent typhoon. Staff were never in danger but it is good to confirm that we have good systems for identifying staff and student overseas and for supporting them.

A new Health, Safety and Wellbeing plan has been developed for the next twelve months. As well as business-as-usual activity, it focuses on Wellbeing at Work, further capability building for those staff responsible for higher risk areas, refreshing the online resources available for staff, investigating a replacement Health and safety management system and implementing a new hazardous substances tracking and management system.

The 2019 Health Monitoring programme has included lung function and hearing testing for over 200 staff who are working in dusty or noisy areas, and 64 skin tests for staff exposed regularly to UV.

6. LEARNING AND TEACHING

Teaching staff and students are well into the exams. At the end of the semester two exam period, there will have been approximately 343 exams and 10,499 students will have sat one or more exams. For many students, the end of exams does not signal the end of the learning year: approximately 1,300 are expected to be enrolled in Summer School and our postgraduate students will continue their research through the summer.

U-Count survey results are in and reporting has been completed. U-Count surveys all course takers from 200 level up to thesis students. Ensuring academic staff have the skills and resources to respond to the issues raised in the survey will be a part of the focus of teaching development workshops. Development of the teaching workshops is well underway, and sessions will begin in February.

Measuring teaching quality is the subject of a 'Task and Finish' group appointed by the Learning and Teaching Committee. Group members include 12 academic staff with a particular interest in the way UC measures teaching quality and how those measurements are applied. Findings will be useful in supporting better teaching at UC as well as feeding into the promotions process. This work is about to commence and a report will be presented to the Assistant Vice-Chancellor (Academic) and Human Resources by December.

Children's University

Children's University welcomed 80 children on to the campuses of the University of Canterbury, Lincoln University and ARA during the October school holidays. In the two experiences available at UC, the children and their parents participated in a range of activities run by academics from the College of Arts and the College of Science.

The focus of the Children's University team now shifts to the graduation on 20 November. It is expected that over 130 children will graduate. All University Council members and the Senior Management Team have been invited to attend.

7. RESEARCH

The results of the MBIE 2019 Endeavour Fund round have been announced, from which UC secured over $16 million in awarded proposals either as the lead, or as a partner led by another university or CRI. This is the highest success ever in terms of funding from the Endeavour Fund. Professor Conan Fee (Product Design) was successful in securing funding for a large Research Programme to work on "3-D printed porous media for process engineering" over five years. Two Smart Ideas – "Integrated biomass gasification with chemical looping and oxygen uncoupling for H2 production and CO2 capture" led by Professor Shusheng Pang (Chemical and Process Engineering) and "Development of a multi-axis spin-coating system to coat curved surfaces" led by Professor Mathieu Sellier (Mechanical Engineering) – were each funded for three years.

Thirteen other UC researchers are collaborating investigators on eight other Smart Idea or Research Programmes across a swath of research topics related to subsurface braided river hydrology, carbon-dioxide-free production of essential metals, reducing prison violence, Mt Taranaki volcanic hazards, extreme weather events and climate change, metabolic conversion of methane to polymers, pest eradication, and underwater autonomy for mussel farming.

Professor Richard Green and Dr Grant Pearce have been selected via a competitive process to be part of a New Zealand science delegation to visit Singapore. Each will contribute to developing collaborative research programmes – Professor Green in Data Science and Dr Pearce in Future Foods. These collaborative programmes will, in part, guide future MBIE investment to support bilateral

research between New Zealand and Singapore. Professor Green will lead the joint working group on 3D spatial data science for agricultural and urban applications.

Dr Volker Nock (Electrical and Computer Engineering), current Director of UC's Biomolecular Interaction Centre, has been recognised with a prestigious five-year Royal Society Te Apārangi Rutherford Discovery Fellowship. With this funding, he will accelerate his research into saving native trees from fungal pathogens using novel lab-on-a-chip technology as a way of better understanding how plant diseases such as kauri dieback and myrtle rust target and invade their hosts.

The Research and Innovation office has recently been reviewing UC's record of research commercialisation. Since June 2017, UC has been awarded MBIE funding to progress 45 Tier-1 PreSeed Accelerator Funding projects. Of these 45 projects, four have formed start-up companies: 2.2G Force – seismic damping technology; NPX Environmental – nitrogen and other pollutant sensing network with Astrolab and Ravensdown; Dock Bio Holdings – finding active sites on target proteins, with Astrolab; and Transfection Holdings – drug transfection technology, with Astrolab.

In addition, UC is making direct sales for "The Storminator" and the "Cricket GR8" app; licensing the Piezoelectric Pipeline Condition Assessment Device and the Hazard Assessment Test; partnering with Adelaide Enterprise on commercialising gold clusters as catalysts; collaborating with Kukri on the commercialisation of innovative rugby headgear; and actively pursuing commercial outcomes for six other Tier-1 projects. A further success is that one of the Tier-1 projects has received MBIE Smart Ideas funding of $1 million.

8. POSTGRADUATE RESEARCH

A new location for "Thesis House" – where postgraduate students can write up their theses – has been agreed on Creyke Road, after the previous location was reallocated for use by the UC Muslim University Students' Association. The new venue will have bookable rooms available to students for thesis writing and deep-thinking work in a quiet environment.

The Asia-Pacific 3MT competition, which brings together 56 universities from across Australia, New Zealand, Oceania, North-East Asia and South-East Asia, was held at the University of Queensland on 4 October. UC's representative, Eloise Smith, gave an excellent presentation.

The Academic Board has approved a change in the approach to UC doctoral scholarships allocation, moving it from a twice-yearly batch to a continuous process. The new process will provide certainty and timeliness for scholarship funding (and hence enrolment) for doctoral students who have exceptional grade point average scores. Associate Dean Ekant Veer and the Scholarships Office have begun its implementation.

9. BICULTURALISM

The Office of the Assistant Vice-Chancellor (AVC) Māori has completed its first full team planning wānanga. Colleges and service units will continue to be supported by existing Kaiārahi until new Kaiārahi take sole lead with their colleges and service units from 31 October. Handover meetings are being scheduled with all Senior Management Team members during October.

AVC Māori, Dr Darryn Russell, was involved in leading a New Zealand delegation to Brasilia in October, as Chairperson of Te Kahui Amokura and the New Zealand Vice-Chancellors' Committee on indigenous internationalisation. The New Zealand Summit formed part of an international conference on revitalisation of indigenous and minoritised languages at the University of Brasilia and

was funded by the United Nations Educational, Scientific and Cultural Organization (UNESCO), as part of the international year of indigenous languages. A New Zealand representation cohort of 10 attended and some 300 participants shared the day, hearing about experiences with indigenous language revitalisation and development in Aotearoa. The aim is to build inbound and outbound exchanges for collaboration among students and academic staff on research and other work in areas of commonality including: teaching methodology and pedagogy; issues with land and territory; teaching resources; and legislation and policy for indigenous rights and language revitalisation.

Kaiurungi (Māori Student Advisors) are seeing a steady stream of Māori students for pastoral care appointments. Kaiurungi recently attended Te Toi Tauira Conference to share Māori student recruitment, retention and achievement initiatives led by the Office of AVC Māori and to network with Māori student advisors across other tertiary institutions in Aotearoa.

Tamahou Thoms received the inaugural Waewae Kai Pakiaka: Outstanding contribution to the Māori Community award at the Blues awards in September, where Hinerangi Curtis also received a Community Blues award. Among their many achievements, Tamahou and Hinerangi have also been Tuākana student mentors, engaged in and supporting various Office of AVC Māori student retention initiatives.

10. FINANCES

September 2019	Actual Year to Date $000	Budget Year to Date $000	Budget Variance Year to Date $000 Fav/(Unfav)	Budget Full Year $000	Forecast Full Year $000	Full Year Forecast to Budget Variance $000 Fav/(Unfav)
Net Surplus/(Deficit)	7,099	(663)	*7,762*	2,080	9,051	*6,971*
Capital Expenditure	73,182	95,243	*22,061*	123,637	106,415	*17,222*
Cash/ Short Term Investments/ Short Term Government Stock	306,626	262,721	*43,905*	173,363	201,697	*28,334*

UC had been budgeting for an operating deficit as at the end of September 2019 of ($0.663) million, but has returned an operating surplus of $7.099 million.

This is a favourable variance to budget of $7.762 million. This favourable variance mainly relates to $8.652 million less operating expenses (largest savings are in consultancy expenses, contract teaching, contract research, and asset purchases <$2,500, partially offset with higher commissions and levies).

Other favourable variances relate to a $2.850 million reduction in the retiring allowance provision, based on the 30 June actuarial valuation, compared with an expected increase in provision of $1.500 million that was in the budget, resulting in a $4.350 million favourable variance; $2.001 million less depreciation; $1.564 million more interest income; and $0.750 million more net profit than was realised in May on the Fire and Emergency New Zealand deal due to lower demolition costs than had been budgeted for.

This favourable variance has been partially offset with unfavourable variances coming from ($1.688) million less (non-research) income from UC Foundation/Trusts, ($3.705) million less tuition income

including Student Achievement Component funding, ($1.466) million less Performance-Based Research Fund (PBRF) income following recent reassessment of UC PBRF-related performance, and ($1.601) million less research external income.

UC continues to forecast a surplus above budget for the full year. Expected reductions in revenue in relation to international tuition fees and PBRF are offset by improved interest revenue and external research revenue, with savings in personnel and depreciation expenditure.

Capital expenditure is $22.061 million below budget. Of the expenditure incurred to date, $19.515 million is UC Futures related (Rutherford Regional Science and Innovation Centre, Rehua and Canterbury Engineering the Future) against a year-to-date budget of $31.006 million, much of which relates to programme delays and final account payment requests yet to be received for the larger building projects.

The September 2019 cash position of $306.626 million is higher than budget by $43.905 million due largely to higher than expected balances at 31 December 2018, and lower capital spend.

The 2020 year is forecast to be a financially challenging year as we won't have the one off revenue items from the sale of property and insurance claim that we have had in 2019 and the flow on impact from a lower 2019 student cohort than budgeted will impact in 2020. We have financially benefitted in 2019 from the slower close off of the major construction projects which has meant our depreciation has been lower and our interest earned has been higher – this won't be the case in 2020. The expected surplus for 2020 is $3.8M which represents 0.9% of our total revenue. The Tertiary Education Commission expectation for University's is 3.0% - 5.0% of total revenue so we remain someway short of this mark.

For further details, please refer to the latest monthly financial report.

	Headcount			**EFTS**		
	Applications to Enrol			**Full Year Enrolled**		
	Applications (13/10/2019)			**Actual**	**Actual**	**Budget**
	2018	**2019**	**2020**	**2017**	**2018**	**2019**
Domestic 1st Year		3,081	3,968	3,262	3,662	
Returning		1,278	1,915	8,409	8,704	
Total	-	4,359	5,883	11,671	12,366	12,972

International 1st Year		2,875	3,206	744	922	
Returning		69	148	674	781	
Total	-	2,944	3,354	1,418	1,704	2,019
				-	-	
Total	**-**	**7,303**	**9,237**	**13,089**	**14,069**	**14,990**

Budget and Forecast is not calculated down to year at UC.

Enrolment data is based on the same date across years, i.e. 6 Jan vs 6 Jan.

Applications to Enrol data is now reported on the same date across years, i.e. 6 Jan vs 6 Jan.

ATE data is based on student headcount and on student citizenship status rather than fee type. Enrolments data is based on EFTS and the student fee type (Domestic or International).

"International" refers to students' New Zealand citizen/residency status rather than their fee paying status. Most but not all international students will pay international fees. As PhD students generally pay domestic fees, this table groups them with domestic students.

11. MAJOR PROJECTS & FACILITIES

Major Building Projects

Rutherford Regional Science and Innovation Centre 1 and 2 programme: Fletchers is slowly addressing the few remaining incomplete defects on the Ernest Rutherford building in accordance with the contractual requirements. After the Beatrice Tinsley building was awarded a Certificate for Public Use (CPU) in the week prior to the official opening on 1 October, occupancy of the building began almost immediately and is now complete. Defect rectification will continue.

Canterbury Engineering the Future: The ECU fan and motor upgrades have been completed. This project is now closed.

Rehua: The project is complete and within budget. The number of outstanding defects is now minimal and these defects have no material consequence on the occupiers. UC and Hawkins are currently negotiating a mediation activity to close out commercial aspects of the project.

Haere-roa (UC Students' Association building): The building is occupied and operational under a CPU. The Practical Completion (PC) approval targeted date has slipped to late October due to a number of incomplete minor works and compliance documentation required under the contract. A paper is being presented to Council, given the project budget 'best to worse case' is predicted to exceed the approved budget by between $250,000 and $1 million.

Garden Hall (Homestead Lane): The project is currently progressing on or ahead of programme. The Eastern Tower Steel installation is complete. Structural fabrication offsite is continuing for the

Western Tower, together with roof fabrication, in preparation for installation on site in early October. Concrete flat slab floors are progressively being installed and poured.

Logie and Locke: CPU has been awarded for the Logie building and reoccupation commences in October in accordance with the programme. The Locke building is expected to be reoccupied in June 2020. As all of the asbestos products have now been removed in the Locke building, Asset Management Plan (AMP)/refurbishment works have been initiated on Levels 2 and 5 with no further commitment planned until after Council reviews a budget reset paper in its October meeting.

School of Product Design growth: The final phase of this project will now commence as Science College occupants relocate to the Beatrice Tinsley building in October.

Wheki building: This project enabling relocation and consolidation of IT Services together with Human Resources on Dovedale campus is on programme. Occupation of the building is planned from between mid-November to mid-December 2019.

RecCentre: A preliminary design presentation was made to the Project Control Group (PCG) in mid-September and the team was subsequently requested to address a number of design cost pressures. The PCG's final review and endorsement is planned to occur this month.

Low-carbon Ilam boiler replacement project: A final business case is being prepared for Council consideration in November.

12. UC LIBRARY | NGĀ PUNA MĀTAURAKA O WAITAHA

Preparation is well underway for an upgrade to LEARN (the University's learning management system). This upgrade to the software will also be an opportunity to incorporate and develop the staff survey feedback on appearance and navigation in LEARN received earlier in the year.

The Library contributed to UC's celebration of Te Wiki o Te Reo Māori by hosting the opening and closing events for the week, advertising UC-wide events as well as having participatory activities and sessions for Library users in each library and online each day. In the trial Makerspace, students made Te Reo badges and participated in kēmu (games).

Ebook use for September is up 25% on September 2018. Of the vendor packages, Springer (mainly science and engineering) and Proquest (mainly business and humanities) titles have shown the greatest increase.

13. IT SERVICES | TE RATONGA TAUTOKO HANGARAU

IT Services is currently developing a Cloud/Digital Transformation Strategy with an associated five-year implementation plan. In conjunction with this, a number of initial discussions have taken place with vendors who provide specialist services in cloud migration, as the University will require support for transitioning its environment to the relevant cloud platforms.

A review of IT Services' IT patching process and cycle is being undertaken as a result of learnings from the Payment Card Industry Data Security Standard (PCI DSS) project.

The IT Transformation is finalising the last activities associated with the transition of workloads to the appropriate teams within the new structure. On closure of these activities, IT Services will be operating in its new mode and working with business users to deliver better-quality outcomes faster.

14. COMMUNICATIONS

In September, over 100 media queries were handled, which included multiple requests from more than 30 reporters about the Sonoda student death. Other media queries were about racism and white supremacist posters, LAWSOC Revue, freedom of speech, the LGBTQI+ community, Health Centre counselling, 15 March mosque attacks, the future of technology, fish oil research, Kate Sheppard's House, digital hate research, Canta, the history of zero (sparked by a UC Connect public lecture by Professor Clemency Montelle), and local elections and democracy, among other topics.

The following UC media releases/news stories appeared in external media in September/October:

- Beatrice Tinsley building opening a milestone for science at UC
- Statement from Vice-Chancellor
- Hon Kit Toogood QC to lead University investigation
- Kate Sheppard House purchase delights
- New data analysis proves: Science is sexist
- Solutions to Online Hate weekend brings experts together
- UC Connect public talk: Why on earth would you drill into a magma chamber?
- Inspiring students to change the world (new BYCL degree)
- UC recognises the School Strike 4 Climate NZ
- Canterbury student heads to Chile, Antarctica to join Youth Expedition

UC Connect public lectures in September and, to date, October have been sold-out events. On 18 September, UC's first Distinguished Erskine Fellow British physicist and materials scientist Sir Colin Humphreys, Professor of Materials Science at Queen Mary University of London, Distinguished Research Fellow at the University of Cambridge and a Fellow of Selwyn College Cambridge presented a UC Connect lecture to a capacity audience on "Science and Religion: are they compatible?" On 25 September, Professor Clemency Montelle presented "Good for Nothing! An illustrated mathematical history of zero". Hundreds attended the lecture, which focused on the use of zero in history as both a placeholder and a historical symbol.

On 3 October, UC Connect lecture, "Artemis: the future of deep space exploration", was presented by National Aeronautics and Space Administration (NASA) senior engineer and UC Erskine Fellow Tim Atkins, who explained how the Artemis Program will establish a sustainable human presence on the Moon. On 9 October, the winner of the UC Teaching Medal Associate Professor Ben Kennedy presented his interactive UC Connect talk "Why on earth would you drill into a magma chamber?" The UC Connect public lecture series takes place on campus and most lectures continue to sell out weeks before and achieve about 50% attendance (standard for a free public event).

14.1 Engagements with Alumni and Donors

UC Foundation income year-to-date was $6.1 million, including 1,489 donations from 770 individuals, corporates and foundations. Of this, $4.1 million has been distributed to projects across

the University. UC's Rose Centre for Stroke Recovery and Research received confirmed written pledges of support amounting to $1.1 million, which will be realised over the next five years from three foundations and two individuals.

The Golden Graduates afternoon tea welcomed over 130 guests. The event in the UC Students' Association (UCSA) building, Haere-roa, was hosted this year by Engineering Pro-Vice-Chancellor Professor Jan Evans-Freeman. The guest speaker, visiting UC Erskine Fellow Professor Sir Colin Humphreys, was well received by the distinguished guests.

The UC Foundation was delighted to welcome 11 members of the Beatrice Tinsley family. The family members, who travelled from Phoenix, Dallas and Wellington, were thrilled to see Beatrice's name and her passion for science, research and education recognised in this way and they expressed hope her story would inspire other female scientists for generations to come. The family also visited the UC Arts city location in the Christchurch Arts Centre, where Beatrice and Brian Tinsley studied.

15. COLLEGE SUMMARIES (PROVIDED BY PRO-VICE-CHANCELLORS)

College of Arts | Te Rāngai Toi Tangata

The College of Arts has much to celebrate this month. All staff are proud of the improved ranking for Arts and Humanities in the Times Higher Education Subject Ranking: up to 201–250 from 251–300.

The College heartily congratulates two of its members: Dr Masayoshi Ogino (Japanese) for winning an Ako Aotearoa national teaching award for Sustained Excellence in Teaching and Associate Professor Bronwyn Hayward (Political Science and International Relations) for winning the Supreme Award at the UC Sustainability Awards earlier this month.

The College is also pleased with the approval of the 180-point Masters in Applied Translation and Interpreting at the September meeting of the Committee on University Academic Programmes.

Finally, now that the remediation of the Logie building has been completed, staff in several departments in the College are looking forward to moving back into newly refurbished and more sustainable offices.

College of Business and Law | Te Rāngai Umanga me Te Ture

Over 40 students and staff attended the 2019 College Postgraduate Research Symposium on 24 September. Students from all departments presented research on a wide range of topics, including women's experiences of working in the construction industry, consumer adoption of meat-free foods, the underlying mechanisms of social media use, and understanding the impact of China's One Child Policy on family savings rates. Professor John Hopkins hosted an international colloquium on "Regional Approaches to Anti-Corruption in the South Pacific and Europe" in the Law School. Presenters included Professor Susanne Reindl-Krauskopf and her assistant Lisa Rösler, both from the University of Vienna, Associate Professor Graham Hassall of Victoria University of Wellington, Dr Hannah Harris from Macquarie University, and Ms Sofia Shah from the University of the South Pacific, as well as UC LLM student Natach Wisst. Guests included representatives from the Ministry of Foreign Affairs and Trade, the Serious Fraud Office and Transparency International.

On 14 October, UC Finance, Economics and Mathematics students broke a 10-year drought to win the 2019 national Chartered Financial Analyst (CFA) Institute Research Challenge finals. The five-member team, supported by coach Chris Wakefield (Masters Applied Finance and Economics and former President, UC Investment Society) and industry advisor Nick Webb (Westpac credit trader

and UC alumnus), beat teams from the other seven New Zealand universities, securing a place for UC to represent New Zealand at the Asia Pacific (regional) finals in Seoul, South Korea. For the New Zealand finals, all teams had to prepare a professional valuation report and presentation pitch on Z Energy Limited (NZX: ZEL). This challenge was highly topical in the wake of supply shocks resulting from the recent Saudi Arabia oil attacks, as well as the controversial Commerce Commission inquiry into and report on the profitability of downstream fuel retailers in New Zealand.

College of Engineering | Te Rāngai Pūkaha

The visit of UC's first Distinguished Erskine visitor in September was extremely successful. Professor Sir Colin Humphreys CBE, FRS, FREng, FIMMM, FInstP delivered several well-attended lectures and spoke to stakeholders ranging from students to alumni to MBIE. His UC Connect lecture notably had about 500 attendees. He assured the College that, on his return to the United Kingdom, he will facilitate new connections between College staff and Cambridge. In his Erskine report, he also complimented the standard of the College's undergraduates and compared them favourably with students in the Russell group universities in the United Kingdom, where he has taught.

The New Zealand Council of Engineering Deans recently provided a robust response to the NZQA proposal to downgrade the New Zealand four-year Engineering degree, BE(Hons), from a Level 8 to a Level 7 qualification. This was seen as a hugely risky and unnecessary move, which would place the New Zealand BE(Hons) degree at an inferior level to all equivalent international degrees, and NZQA had presented no facts to support the suggestion. The College's response was in line with that of Universities New Zealand and other submitters.

The College was delighted that Dr Volker Nock (Electrical and Computer Engineering) was awarded a Rutherford Fellowship. Coincidentally, Volker was one of the staff closely involved with Sir Colin during his time here and will have the opportunity to strengthen that connection with the United Kingdom community of researchers.

College of Education, Health and Human Development | Te Rāngai Ako me Te Hauora

On 25 September, the College of Education, Health and Human Development was thrilled to host the official launch of its much anticipated Bachelor of Youth and Community Leadership. The launch in Te Moana Nui a Kiwa was well attended by UC's student leaders, local schools, prospective students and family members, and community stakeholders. Enrolments are now being received for the 2020 intake to the degree, which foregrounds UC's Graduate Attributes in providing a unique and specialist degree for activists, humanitarians, social entrepreneurs and youth leaders.

On 26 September, the College was proud to co-sponsor the powerful and insightful Dawn Raid Lecture by Dr Pauline Smith and the Polynesian Panthers. The lecture was part of the "Dawn Raids: Educate to liberate" exhibition and public talks series being hosted by the UC. It was a powerful and insightful lecture.

From 30 September to 1 October, 10 staff from across the College were funded to attend a two-day "Future of Learning" national conference where international and local experts in their fields led participants on a journey of future technology scenarios and possibilities. The range of topics explored related to exponential technology change, use of digital tools, future skills, strategic foresight and innovative learning approaches. The College's e-learning lab will take the lead in transferring the insights from the conference to the practice of the College, and beyond.

College of Science | Te Rāngai Pūtaiao

On 1 October, the College of Science celebrated the opening of the Beatrice Tinsley building. It was an honour to host 11 members – and three generations – of the Tinsley family for the celebrations, as well as the Minister of Research, Science and Innovation, the Hon Dr Megan Woods.

On Monday 16 September, the College launched the new Te Kura Aronukurangi | School of Earth and Environment. The restructuring of the College into four new schools has been a major change process involving a huge amount of collective work. The College is grateful for the various contributions to this change process that people from across the University have made.

Professor Wendy Lawson has been seconded to assist the Vice-Chancellor and Deputy Vice-Chancellor on projects related to research and innovation projects, including the establishment of a joint postgraduate and research initiative with Lincoln University and relevant CRIs.

Professor Janet Carter will be Acting Pro-Vice-Chancellor Science for the duration of Professor Lawson's secondment.

16. **VC Activities**

	Past Events
2 October 2019	• Spoke at the Beatrice Tinsley building opening
3 October 2019	• Met with Vice-Chancellor of the Federal University of Kashere, Nigeria
6 October 2019	• Attended UNESCO NZ Youth Forum Closing Ceremony
9 October 2019	• Met with Hon Grant Robertson at UC's School of Fine Arts
10 October 2019	• Attended Universities New Zealand meeting in Wellington
14 October 2019	• Addressed the Ilam community meeting • Presented the new strategy at an all-staff forum – UC Strategy
15 October 2019	• Presented the new strategy at an all-staff forum – UC Strategy • Attended Sonoda blessing and tree planting ceremony
16 October 2019	• Attended Alumni Speaker Series in Dunedin
17 October 2019	• Met with Otago Boys' High School Rector • Met with King's High School Rector • Attended Royal Society of New Zealand Te Apārangi research honours dinner in Dunedin
18 October 2019	• Visited Otago University
21 October 2019	• Guest speaker at the opening of the Medbury School Foundation building
22 October 2019	• Hosted Liberty Oberlander (Deputy Head of Membership of the Association) on campus
23 October 2019	• Attended and hosted UC Gala Dinner
24 October 2019	• Provided welcome at the School of Biological Sciences Annual Biology Conference • Met with President of New Zealand Association of Counsellors
25 October 2019	• Speaker at the Institute of Directors breakfast event
	Future Events
29 October 2019	• Opening GradFest 2019 • Attending UC Connect lecture