

\$100k Challenge

Grand Finals

2021



Tonight's Programme

Welcome

Keynote Speaker

Sir Ian Taylor

Message from Velocity

Jason Tran,
Velocity CEO 2021

Message from CIE

Darsel Keane,
Director of CIE

Qualifier Pitches

Each qualifying team pitches
their venture

Award Ceremony

Announcement of the
Velocity \$100k Challenge
prize winners



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Welcome

Kia ora, 大家好, and welcome to our 2021 Velocity \$100k Challenge Grand Final Prizegiving!

Wow, what a year it has been! As Velocity's CEO, I am incredibly proud to see our Programme's impact over the past eighteen years. Velocity exists to take first-class ideas to the world. We do this by surrounding entrepreneurs and change-makers with resources, mentors, support, and advice to take their ideas and turn them into world-class businesses. This year's cohort of launchpad businesses has the potential to make an impact on the global stage, which is now more critical than ever before.



The world we live in today has brought to light the need for innovative ideas and the importance of supporting and growing our future innovators and entrepreneurs to bring these to life, which is what Velocity exists to achieve. Tonight is a celebration of just that!

We're here tonight to celebrate the successes of the fifteen teams in the \$100k Challenge, who have spent the past eight weeks in the Velocity Launchpad programme. With support from their Velocity mentors and the expertise of our Launchpad presenters, the teams have been able to fine-tune their idea and pitch their venture to our panel of judges.

While this evening may represent the conclusion of the \$100k Challenge 2021- a great idea does not, and should not, end with a competition. This is only the beginning for them all. Whilst all our qualifiers deserve a prize; I wish those unsuccessful tonight are not discouraged from carrying on! To make it this far is a tremendous achievement that you should all be proud of. I do not doubt that the potential of this year's qualifying teams will all impact both national and global scales.

Without the generous support that we have received from our sponsors this year, Velocity would not have achieved such an impact. To our foundation partner: The University of Auckland Business School; our Gold Sponsors: Momentum and UniServices; and our Silver Sponsors: Hudson Gavin Martin and NZ Growth Capital Partners. Thank you for everything you contribute to Velocity and your dedication to enabling the entrepreneurial spirit to thrive.

Without the generous support that we have received from our sponsors this year, Velocity would not have achieved such an impact. To our foundation partner: The University of Auckland Business School; our Gold Sponsors: Momentum and UniServices; and our Silver Sponsors: Hudson Gavin Martin and NZ Growth Capital Partners. Thank you for everything you contribute to Velocity and your dedication to enabling the entrepreneurial spirit to thrive.

Behind the scenes, Velocity relies on the generous support of individuals who give up their time as judges, mentors, advisors, and ambassadors. Thank you for your contributions. We would not be able to deliver the program without you. A special thanks to Kirsten Beckman, Judith Marecek, and Darsel Keane from the Centre for Innovation and Entrepreneurship for their ongoing support for the countless hours and energy they have put into making this Programme the success that it is, year on year! Their dedication to Velocity enables participants to unleash their potential onto the world and enables us to have the impact that we do.

Lastly, I would love to give a massive shoutout to the driving force behind Velocity, our student-led committee! The committee, made up of dozens of talented students, are united by an overarching desire to empower others through innovation and entrepreneurship. I have been very proud to lead a team that saw opportunities when others may have seen challenges, who problem-solved and persevered passionately. They have undoubtedly made this year a success. To the 2021 Velocity committee - I am grateful to every one of you, and it has been an absolute privilege to work with you all.

Ngā mihi,

Jason Tran,
CEO, Velocity

Foundation Partner

The University of Auckland
Business School



BUSINESS SCHOOL

Gold Sponsors

UniServices



Momentum



Silver Sponsors

New Zealand Growth
Capital Partners

NZ GROWTH
CAPITAL PARTNERS

HudsonGavinMartin

HudsonGavinMartin

Tonight's Speaker



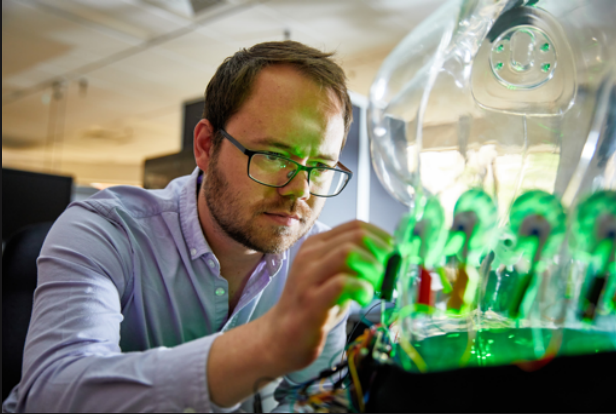
Sir Ian Taylor

Sir Ian Taylor is the founder of Animation Research Ltd, 2019 New Zealand Innovator of the Year, and 2020 Deloitte 200 Visionary Leader of the Year.



Meet our Qualifiers

Ora Bioimaging



Doctors are flying blind when it comes to the lungs – Ora Bioimaging can be their eyes. We have developed a continuous lung monitoring system that will save the lives of ventilated patients by giving doctors the information they need.

Team Members

Dr Sam Richardson
Andrew Creegan
Llewellyn Sims Johns
Joshua Bradfield

Mentors

Kieran Jina - Pacific Channel
Mike Munley - MTANZ

Contact

Andrew Creegan
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RisosEnterprises



Waterborne E. coli testing is a monumental effort, prohibitively expensive and takes days to yield results. 80% of NZs are not only unhappy with environmental water but especially with their drinking water. RisosEnterprises is working on technology that is much faster and way more accurate than any existing water testing instrumentation to date.

This cuts down testing cost and reaction time to critically enable widespread testing for effective countermeasures. This is our vision with the Waicorder (TM), a star-trek inspired water tricorder that everyone can use to sense water quality anywhere, anytime. Communities will benefit from healthier environment and drinkable water the most, while industry cuts down on production loss, especially the beverage manufacturers.

Team Members

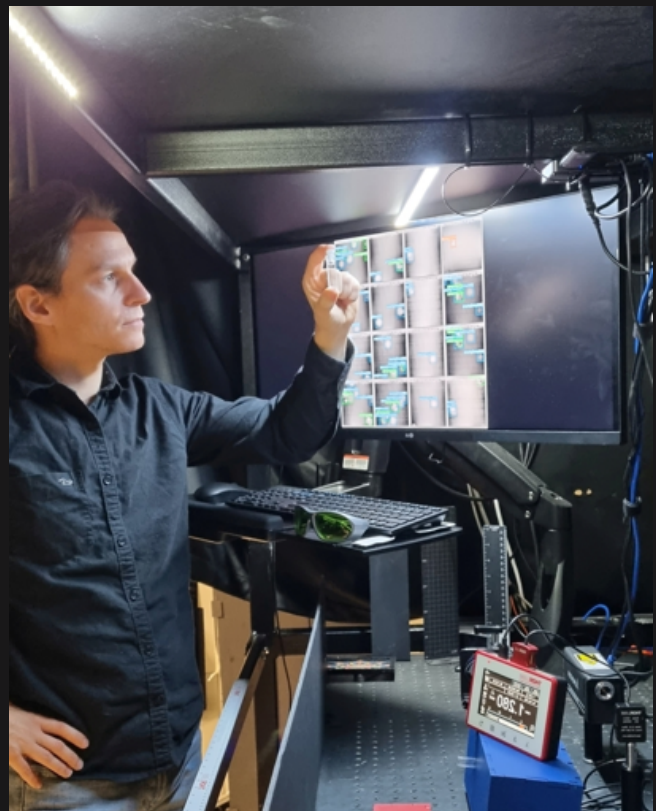
Alex Risos (CEO, founder)

Dana Keating (CBO, co-founder)

Mentors

Stephen Flint - Uniservices Ltd

Patrick Barciela - Hynds Pipe Systems Ltd



Contact

Alex Risos

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SuperCarbon

SuperCarbon is a ground-breaking technology with sustained antimicrobial and antiviral properties and multiple applications, including electroceutical wound dressings, antiviral and antibacterial face masks, anti-pathogen air filters, and antiaging beauty facial devices.



Our lead product, the HealelectricCarbon wound dressing uses microcurrents to accelerate healing in chronic and acute wounds and to prevent infection. It can significantly improve patient outcomes whilst markedly decreasing healthcare costs.

Team Members

Sara Beikzadeh
Dr. Alireza Akbarinejad
Tom Zheng
Prof. Jadranka Travas-Sejdic

Mentors

Denis Snelgaar - Griffiths & Associates Ltd
Prof. Colin Green - University of Auckland

Contact

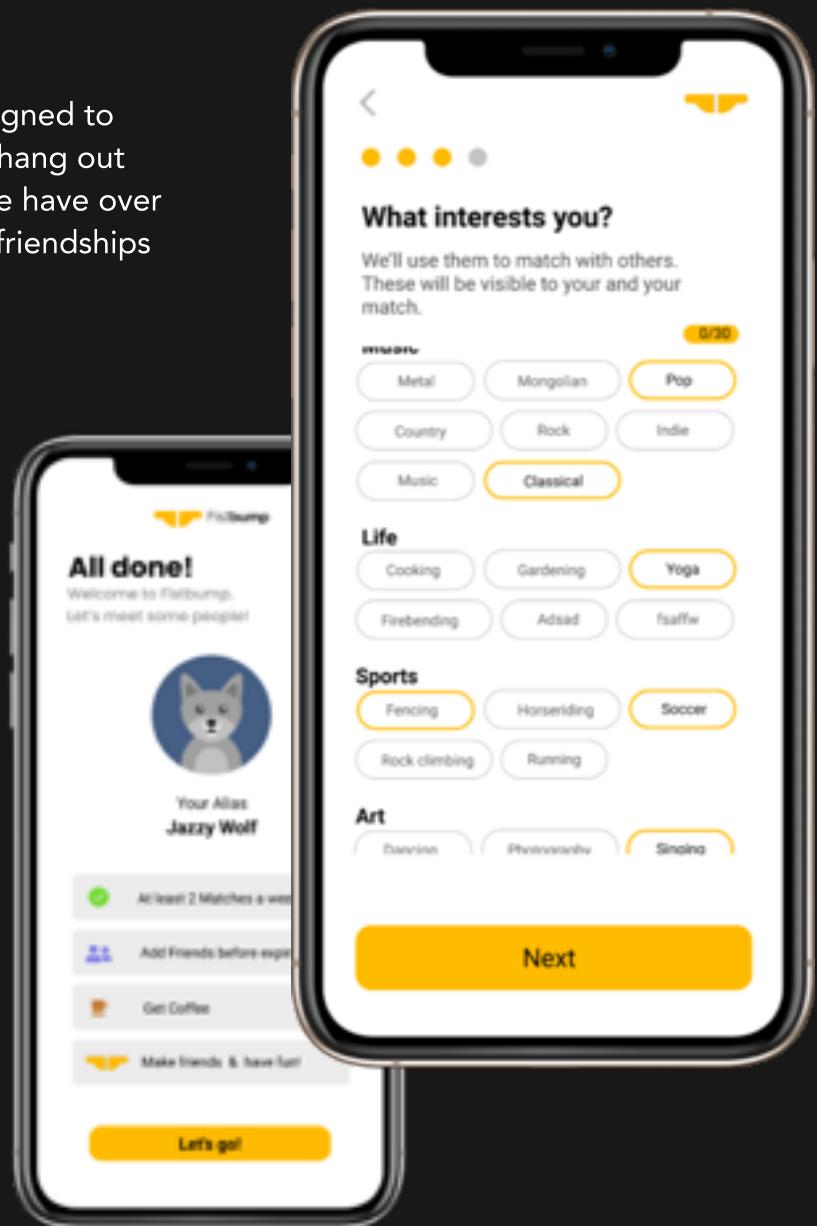
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Sara Beikzadeh
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Fistbump

Fistbump is a friendship service designed to help you meet like-minded people, hang out and make genuine friends. So far, we have over 300 users and helped makeover 80 friendships (in just two small MVP launches).

We are a purely platonic app that matches you based on your interests & personality. You can match & chat anonymously and decide if you want to be friends before expiration. We are now expanding into coffee hangouts, events, and gamification.



Team Members

Michael Shaimerden
Shannon Blackhall
Peter Goedeke
Jiaru Lin

Mentors

Ben Young - Nudge
Craig Telfer - Duel Group Inc.

Contact

fistbump.nz@gmail.com
0232310918
fistbump.co.nz

Foodweb

Foodweb is an interactive classroom-based website that facilitates conversations around food amongst students, between students and parents, and students and teachers.

This is a holistic and human-centered approach to food insecurity, a global sustainability problem that affects 1 in 5 children in New Zealand.



Team Members

Michelle Wu
Jedidah Gilbert Soloman
Yash Raniga

Mentors

Tina Buch - Heart Foundation NZ
Jason Yang - Deloitte

Contact

Michelle Wu
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Jedidah Gilbert Soloman
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Yash Raniga
raniga32@gmail.com

Sequa



Sequa is committed to ocean and marine conservation through partnering with charities, raising awareness and providing education on the problems facing our oceans.

Sequa is New Zealand's first carbon negative haircare brand. We provide high quality environmentally friendly, liquid haircare products in sustainable bamboo packaging. These one of a kind bamboo bottles can be refilled up to 7 times before being 100% composted in the consumer's home compost.

Our three core values are quality, awareness and conservation. Our strategy involves revolutionising hair care products, growing the sustainable haircare market and creating a positive impact on marine life. We plan to enter the market in March 2022.

Team Members

Kianna Legg (co-founder)
Ryan Gwynn (co-founder)
Sammy Choudhary
Sarah Hao
Charlene Bungara

Mentors

Jane Treadwell-Hoye - Necto
Jane McCowan - Marzena Bodycare

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Kairos

Only six percent of university students come from low decile high schools across New Zealand. Kairos, a student lead outreach programme seeks to close this gap between tertiary education providers and low decile communities.

Kairos provides students who come from less privileged homes a series of interactive workshops, one-on-one mentoring, and tailor made resources to equip individuals with the right skills they need to take the next step in their educational journey.

Our mission is to educate, empower and enable our youth, one student at a time.



kairos



Team Members

Nandini Singh
Charlotte Print

Mentors

Rachel Yang - Angel Investor
Jacinta Gulasekharam - Dignity NZ
Vivien Lei - Fisher & Paykel Healthcare
Brian Beckman - The Kefa Project

Contact

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Bunion 3D

Bunion3D is AI-enabled SaaS, that designs personalised bunion correctors, for your foot and your bunion. The software will plug into existing footcare manufacturers, enabling them to deliver personalised correctors to individual customers, at scale - a significant improvement on the current mass-produced products that mostly don't work at all.



Team Members

Anton Averyanov
Martin Zhu
Minoo Koochak
Raman Afravi
Somayeh Montaseri
Shohin Aheleroff

Mentors

Andrew Steel - Symmatix
Debra Hall - Angel Investor

Contact

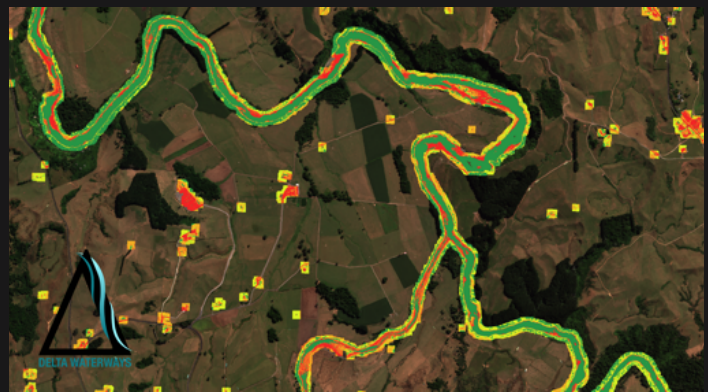
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Delta Waterways



Our product, driven by the latest in satellite imaging and machine learning technology, significantly enhances the frequency, resolution, coverage, and accessibility of environmental monitoring data.

It represents a radical paradigm shift in the monitoring of freshwater and enables a much better understanding of environmental degradation, informing policy, and driving positive change.



Team Members

| | |
|----------------|---------------------------|
| Morgan Dolfing | James Lear |
| Helen Chambers | Brendan Bell |
| Brendan Bell | Ander Castelltort Schnaas |
| Matt Moran | Hannah Mae Wetzel |

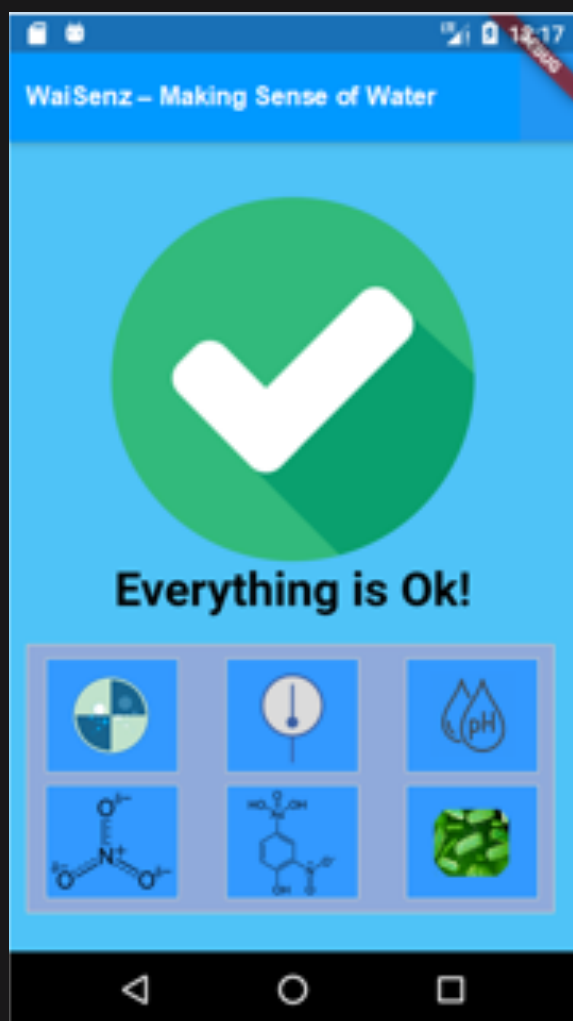
Contact

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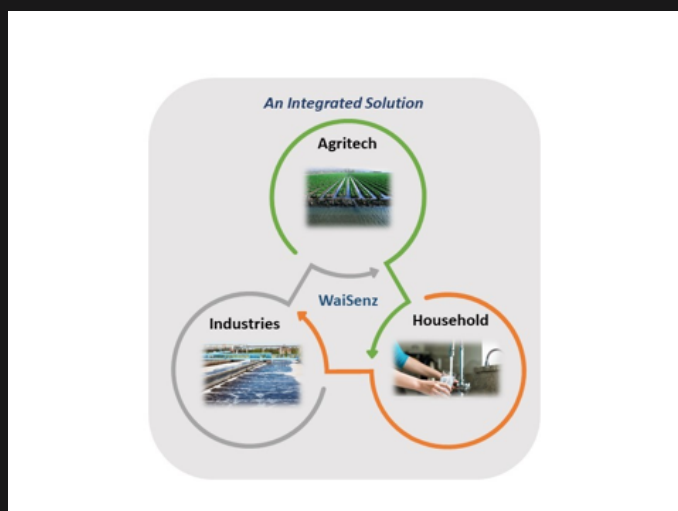
Mentors

Steven McLean – University of Auckland
Sam Fielden - Beca
Kate de Ridder – Bridgewest Ventures

WaiSenz



WaiSenz is developing a sensitive, low-cost, and point-of-care water quality monitoring system. The system will be mass-producible, which will enable ubiquitous deployment. Cloud computing and machine learning coupled with the internet-of-things (IoT) framework will be utilized to analyze sensor data and share information. Our system will offer the first-ever complete picture of water quality to any user, whether industrial, agricultural, or household consumer. The tech used in our system are developed locally, so the cost is kept low, and the quality is at the utmost.



“This is a disruptive technology that will enable decision-makers to have a substantial impact on agriculture and clean water.”

Team Members

Dr Harshpreet Singh
Dr Khalid Arif
Brian McMath

Mentors

Professor David Williams - University of Auckland
Michael Reed - Hydroflow Ltd

Contact

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PrintGig

PrintGig is passionate about creating a world where 3D printing is integrated into everyone's daily lives and makers can make money doing what they love. PrintGig will achieve this by connecting experienced freelancers with consumers who want easily accessible and affordable 3D printing services.



Contact

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Caleb
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www.facebook.com/PrintGigNZ



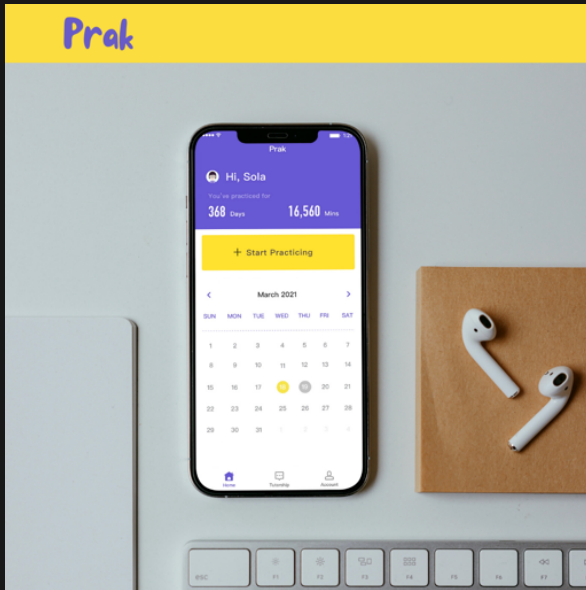
Team Members

Reese Chen
Caleb McIvor
Don Yeh
Samuel Marzuki
Tayne Bilyard

Mentors

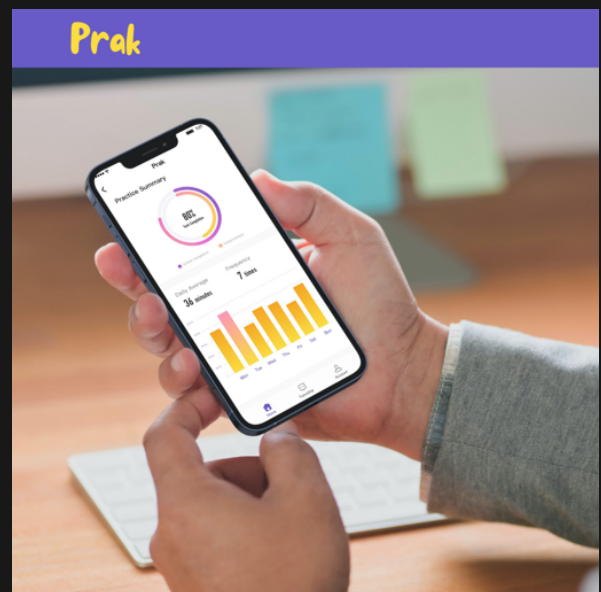
Chris Goode - Cirrus Materials Science
Vishal Chaddha - Edmund Hillary Fellow

Prak



Prak is a mobile application which assists music educators to supervise pupils' learning and strengthens music learners' daily practice.

Prak is a music educational mobile application. Prak solves music learners' practice challenges, improves music teachers' work efficiency, and releases parents' stress about children's practice. Our vision is to redefine music practice.



Team Members

Zhiyu (Sola) Tuo
Jingchao (Hedy) Ma

Mentors

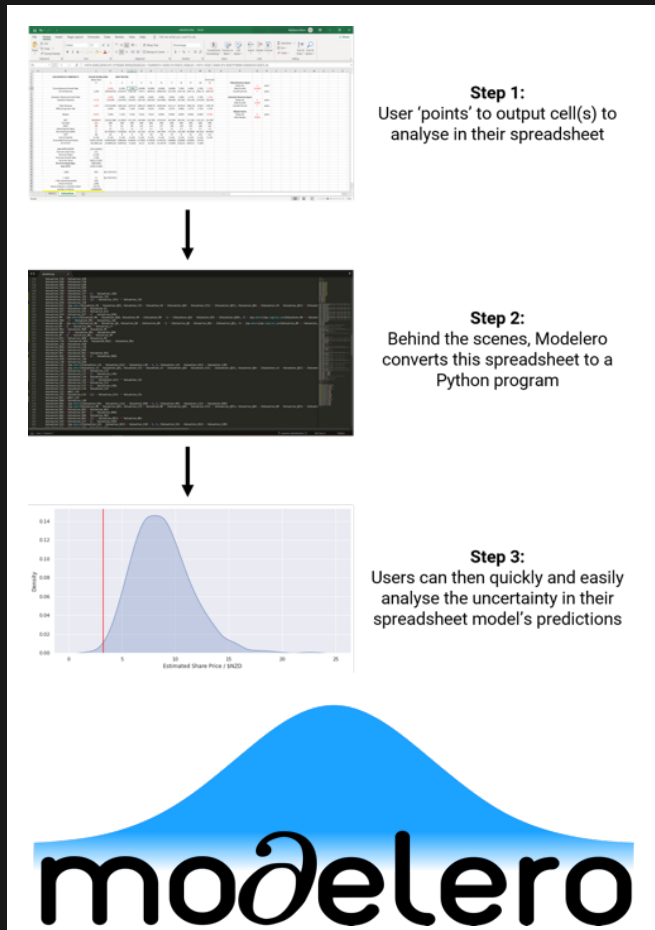
Averill Dickson - Kindrik
Paul Cameron - Consult Recruitment

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Modelero



Modelero is a piece of software which allows businesses to quickly and easily understand the uncertainty in their spreadsheet's predictions, thereby improving their decision-making process.

Businesses rely on financial spreadsheet models to make multi-million-dollar decisions; including decisions such as whether they should acquire another company, or whether they should invest in a particular project. Although these spreadsheets are used to inform high-stakes decisions, most businesses don't understand how uncertainties in the inputs to their spreadsheets translate to uncertainties in their final predictions.

Team Members

Matthew Bilton
Liam Rawlings

Mentors

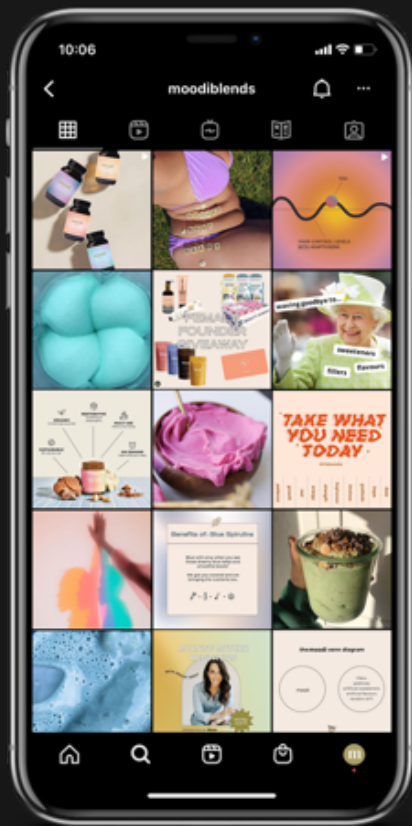
Neil Forster - MuleSoft
Stu Christie - JungleGym Ventures

Contact

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Liam Rawlings
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Moodi



Moodi™ is a women-centric mental wellness brand on a mission to be the largest global player in this \$60b category. Moodi is initially bringing this vision to market by disrupting the protein powder industry with products that focus on how you feel, not just how you look.

Our unique plant-based protein includes superfoods and adaptogenic ashwagandha, clinically proven to boost mood and reduce stress. We make protein inclusive, sustainable and accessible for all wāhine.

Team Members

Kate Gatfield-Jefferies
Nick Ward

Mentors

Bridget Coates - Whitecloud Nutrition
Richard Chew - XL

Contact

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Native Harvest

We harvest delicious native totara berries as a premium food product. Many native products, like manuka honey, are highly valuable. However, the sweet edible berries produced by indigenous plants are unavailable to the public — currently only foragers can enjoy them. Native Harvest will change that, bringing Aotearoa's biodiversity to a wider audience while adding value to an untapped wild resource.



Team Members

Luke Liddell
Danarta Sanyata
Supannika Chotirat

Mentors

Jason Dunn - Plant & Food Research
Kiri Dell - University of Auckland / Nuka Ltd
Nigel Beach - Howick Ltd
Lisa Cork - Fresh Produce Marketing Ltd

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Be part of the amazing student team that is the force behind Velocity!

Velocity consists of many subteams which form the larger student committee. Different teams have different roles and play different parts in making Velocity an innovative organisation.

Visit our website to find out more about the roles available, and how you can shape the future of innovation and entrepreneurship.

Join our Team



Apply by 1 Nov at:
velocity.auckland.ac.nz

Thank you

Velocity is incredibly grateful for the time and effort that all our judges, mentors, speakers, clinicians, and facilitators have put into the Velocity programme this year. The success of Velocity is heavily influenced by their support and we would like to thank each and every one of them for helping us to develop New Zealand's future business leaders.

Mentors

| | |
|-----------------------|---------------------------------|
| Kieran Jina | Pacific Channel |
| Mike Munley | MTANZ |
| Andrew Steel | Symmatix |
| Debra Hall | Angel Investor |
| Sam Fielding | Beca |
| Steve McLean | University of Auckland |
| Ben Young | Nudge |
| Craig Telfer | Duel Group Inc. |
| Jason Yang | Deloitte |
| Tina Buch | Heart Foundation |
| David Williams | University of Auckland |
| Chris Goode | Cirrus Materials Science Ltd |
| Vishal Chaddha | Edmund Hillary Fellowship |
| Averill Dickson | Kindrik Partners |
| Paul Cameron | STILL |
| Stu Christie | JungleGym Ventures |
| Neil Forster | MuleSoft |
| Bridget Coates | Whitecloud Nutrition |
| Richard Chew | XL |
| Jason Dunn | Plant and Food Research Limited |
| Lisa Cork | Fresh Produce Marketing Ltd |
| Nigel Beach | Howick Ltd |
| Patrick Barciela | Hynds Pipe Systems Limited |
| Stephen Flint | UniServices |
| Jane Treadwell- Hoyer | Necto |
| Jane McCowan | Marzena Bodycare Australasia |
| Colin Green | University of Auckland |
| Denis Snelgar | Griffiths & Associates Ltd |
| Vivien Lei | Fisher & Paykel Healthcare |
| Rachel Yang | Angel Investor |
| Jacinta Gulasekharam | PwC |

Moderators

Deb Shepherd

University of Auckland

Judging Panel

Velocity relies on a team of judges from different backgrounds, who come together to form a final judging panel able to assess the vast array of opportunities each of the enterprises present. We are extremely grateful to our panel of judges who have so willingly given their time, effort and expertise to help us with the difficult task of selecting the grand winners from our exceptional finalist teams.

Will Charles

UniServices

Ken Erskine

Matū

Geoff Whitcher

University of Auckland

Darsel Keane

University of Auckland

Dana McKenzie

Kiwinet

Maria Jose Alvarez

New Zealand Growth Capital Partners

Velocity Committee 2021

Chair

Gemma Bell
Vaishali Patel

CEO

Jason Tran

COO

Justin Chen

Marketing

Ahmed Alassafi
Jessica Hopkins
Alexandar Majstorović
Charlene Bungara
Jade Lewis
Jessica Stern
Kelly Ye
Maina Fuimaono
Peter Yoon
Seohee Lee
Amreen Vasdaria
Iven Li

Events

Nandini Singh
Sze Mun Tan
Ana Loader
Ayush Sharma
Charlotte Print
Evelyn Santoso
Mitchell Carlyle

Challenges

Brayden Print
Tayla Fraser-Brown
Srishti Bhardwaj
Ishan Kokulan
Jeffrey Liu
Rachel Li

Outreach

Kianna Legg
Rytasha Sekhon
Dinuki Karunasekera
Ethan Garcia
Moritz Messerschmidt

Ambassador

Jay Janah

Velocity is student-led and
supported by the Centre for
Innovation and Entrepreneurship

Find out more at
velocity.auckland.ac.nz