

DRIVING INNOVATION FORWARD

THE BRUCE McLAREN CENTRE FOR HIGH PERFORMANCE ENGINEERING



Waipapa Taumata Rau
University of Auckland

THE WORLD DOESN'T JUST
NEED MORE ENGINEERS.

IT NEEDS
MORE
ENGINEERS
LIKE BRUCE
McLAREN.



ENGINEERING

McLaren,
Bruce

REMARKS

Went motor racing.

The final entry on Bruce McLaren's University report card.

Bruce McLaren began as a student of Engineering at the University of Auckland.

After being awarded the first New Zealand International Grand Prix 'Drive to Europe' scholarship, he set off for overseas. But the University of Auckland's loss was a gain for the world of revolutionary ideas. Just two years later, he became the youngest winner of a World Championship Formula 1™ Grand Prix, a record that was unbroken for 44 years.

Over 60 years later, Bruce McLaren received the University of Auckland's highest award – a posthumous Honorary Doctorate of Engineering. It was accepted by his daughter Amanda to celebrate the 140th anniversary of the University's founding and the McLaren company's 60th anniversary.



Pictured right: AMANDA McLAREN, daughter, brand ambassador for McLaren Racing and McLaren Automotive and Trustee of the Bruce McLaren Trust.

MOTOR RACER. ENGINEER. MENTOR.

Backing the next generation was in Bruce McLaren's DNA.

It was also the key to his success. Often, these future talents were young New Zealanders. Bruce would take them under his wing, develop their skills, and help them achieve, together, on a global scale. It's just who he was.

“First comes natural ability, there are hundreds with it. But there must always be the dedication to want to apply it, continue applying it, and keep improving it.”

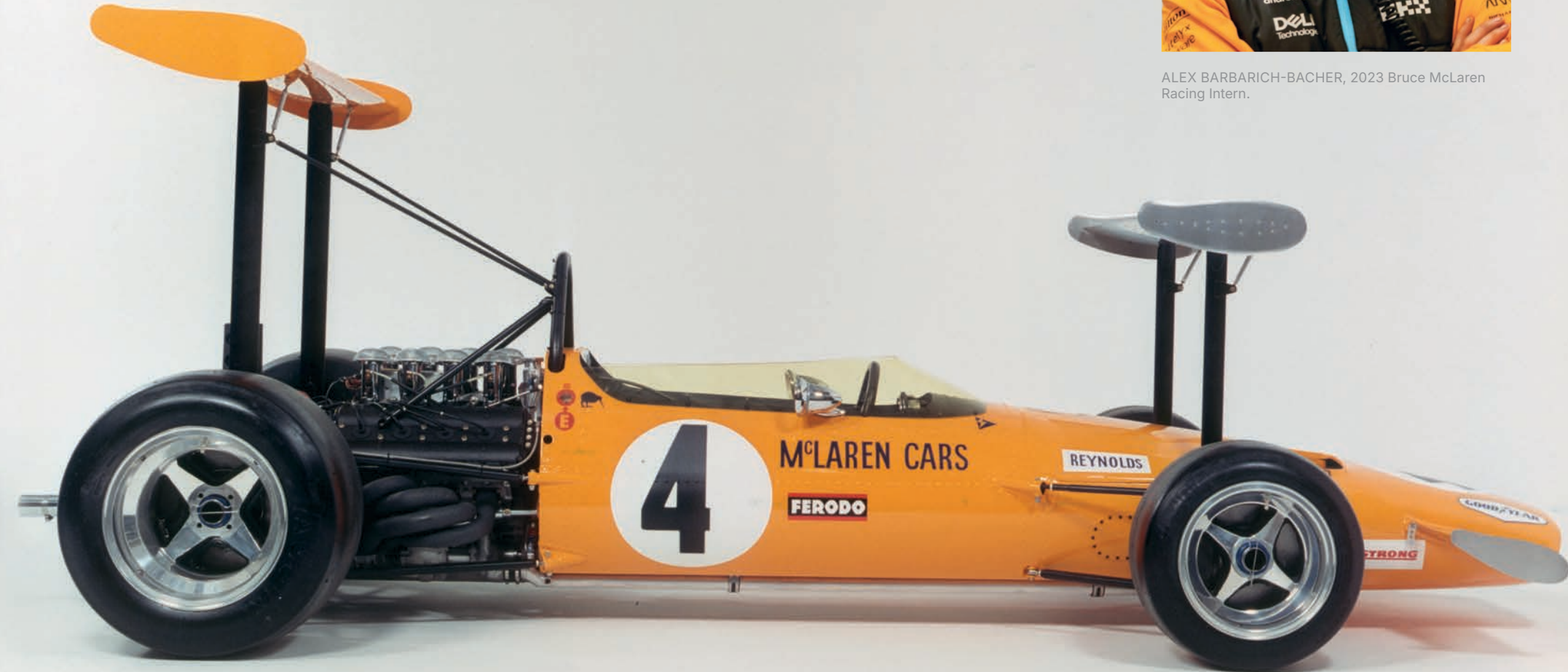
Bruce McLaren



Bruce taught younger talent not to overlook the details.

ALWAYS LOOKING FORWARD.

In the spirit of Bruce and his love for nurturing the next generation, the University of Auckland currently awards exceptional engineering students each year with internships to McLaren Racing and McLaren Automotive.



ALEX BARBARICH-BACHER, 2023 Bruce McLaren Racing Intern.



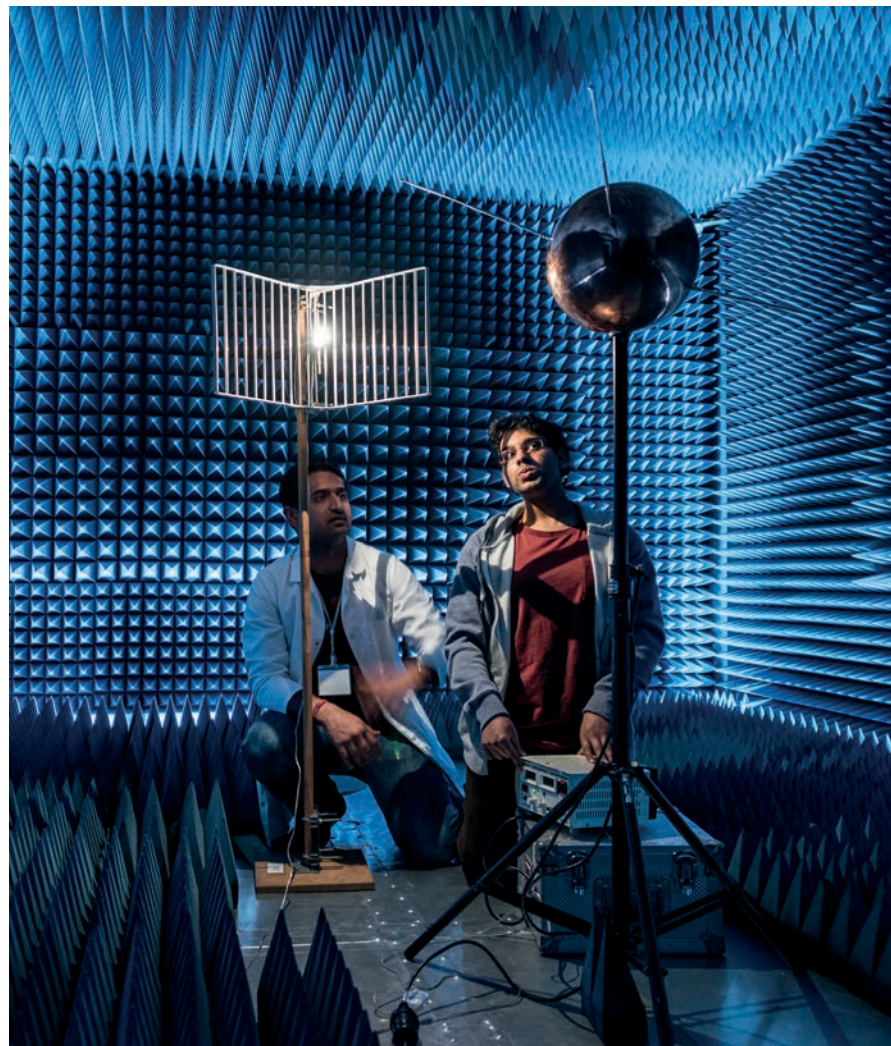
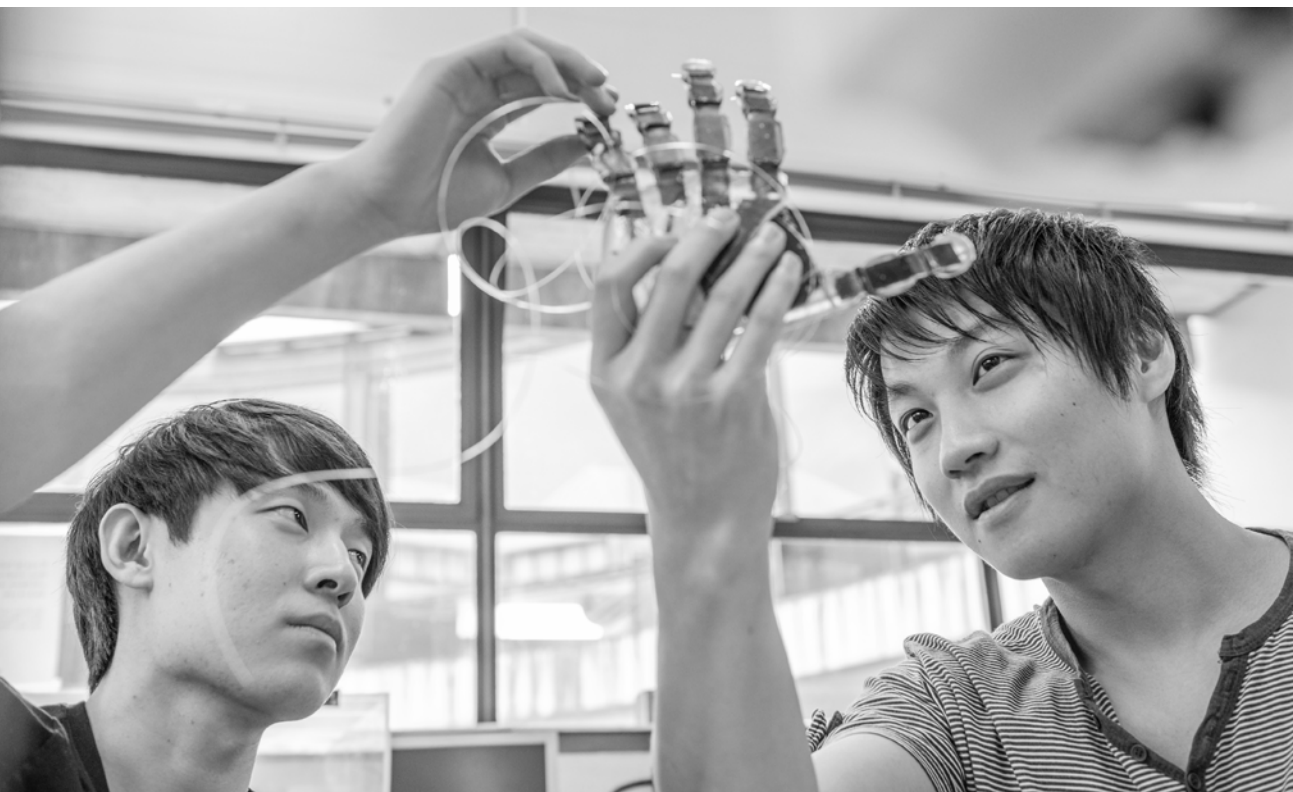
University of Auckland campus.

Bruce's spirit of innovation, ingenuity and leadership is set to continue where it all began. In his home city, at the University of Auckland – a leading institution known for its expertise in transdisciplinary research, innovation and entrepreneurship.

This new, revolutionary engineering centre will attract top students and educators from around the world.

NOW, THE NEXT CHAPTER OF BRUCE'S LEGACY IS SET IN MOTION.

The Bruce McLaren Centre for High Performance Engineering.



The Centre will attract and mentor young talent from diverse backgrounds, bringing fresh perspectives and solutions to cutting-edge research. Inspired by Bruce's generosity with his time, his insights and his determination to succeed.

WHERE FUTURE INNOVATORS WILL DEVELOP THEIR DRIVE.

**BREAKING NEW GROUND IN MOBILITY,
HEALTH, SUSTAINABILITY AND SPACE.**

Using high performance materials, advanced manufacturing and creative design to develop new approaches to minimising waste, energy consumption and emissions in mobility, health, infrastructure, space and planet-positive products.



WE WANT TO EMPOWER THE NEXT GENERATION OF ENGINEERS

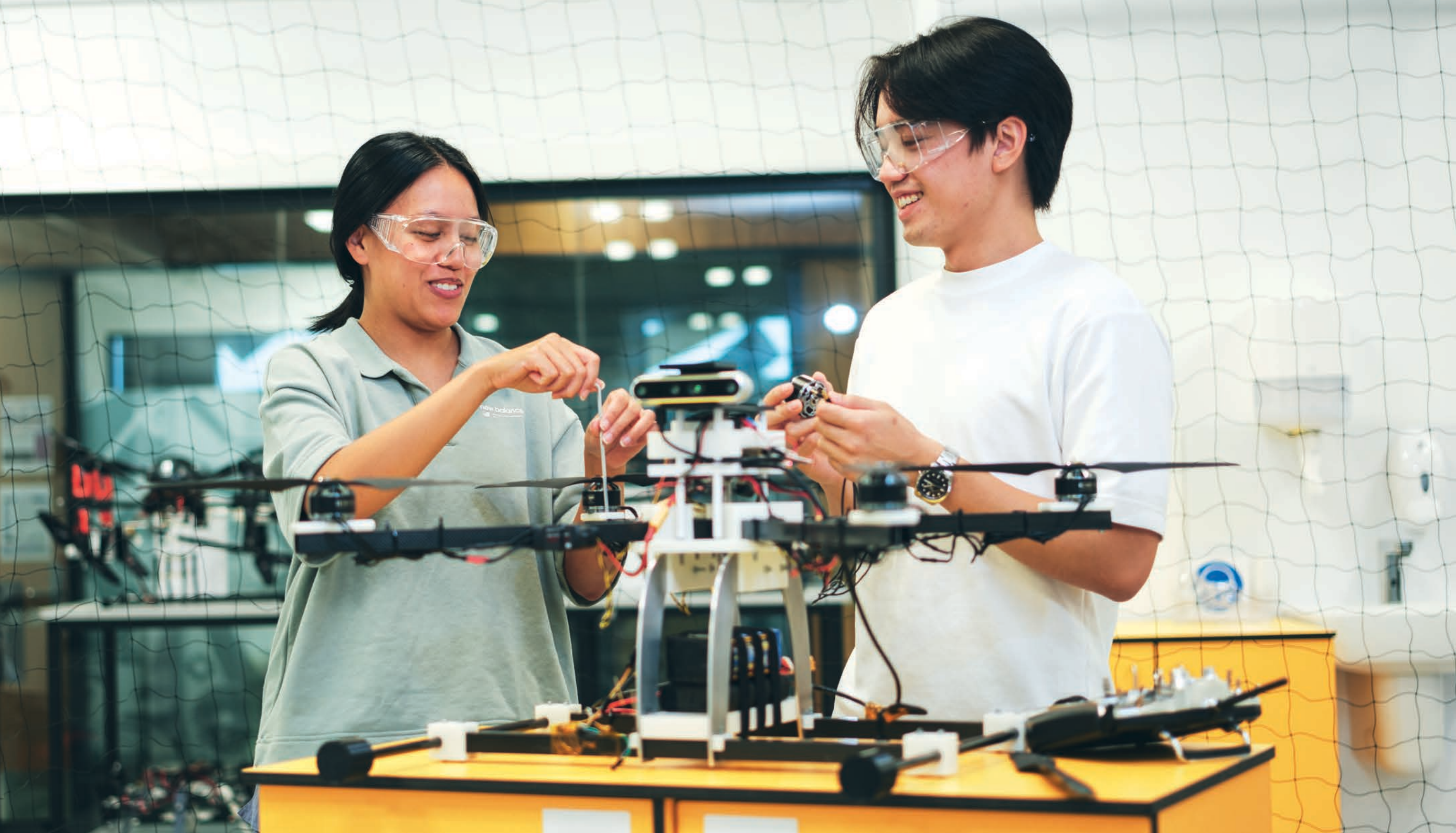
TO INNOVATE IN THE SPIRIT OF BRUCE McLAREN.

WITH PASSION, CURIOSITY AND INGENUITY, MEETING
THE WORLD'S MOST PRESSING CHALLENGES.

“LIFE IS MEASURED
IN ACHIEVEMENT,
NOT IN YEARS ALONE.”

— BRUCE McLAREN



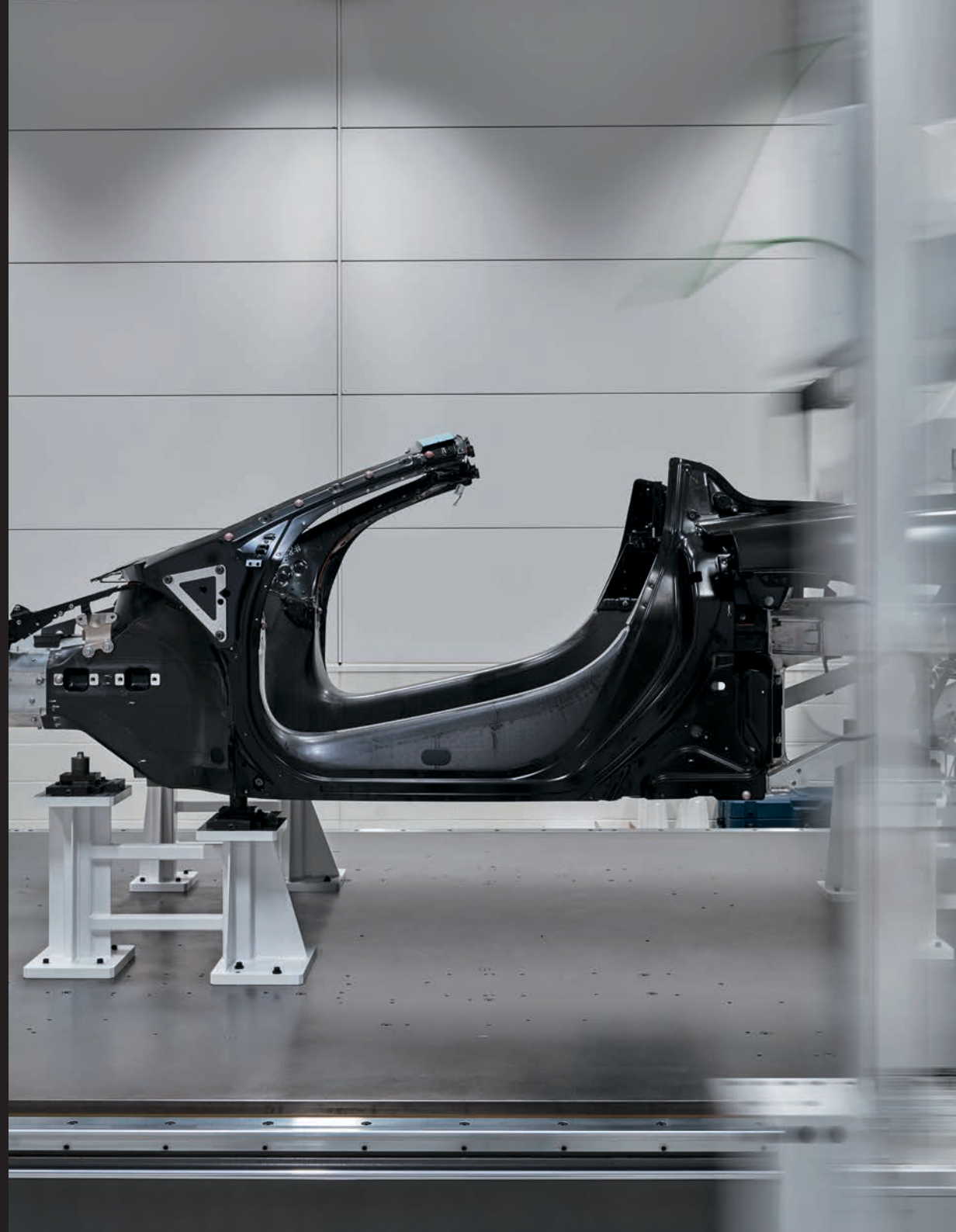


OUR MISSION.

Create a world-leading
centre of engineering
excellence that nurtures
talent, teamwork and testing
the limits of what's possible.



Engineering student at the University of Auckland testing real-world innovations in the lab.



ENGINEERING WITH INNOVATION AT ITS CENTRE.

The Centre will be comprised of three integrated parts, bringing together new technologies, processes and high performance materials.

WORKSHOP OF DREAMS.

From a manufacturing laboratory and facilities for simulation and supercomputing, structural and aerodynamic testing, to digital design and flagship project builds, this is where leading researchers will test the limits. With a Research Hatchery turning groundbreaking research into impact.

BRUCE McLAREN ACADEMY.

Where the next generation of talent is developed to create the leaders of tomorrow, through industry-ready focus, projects, placements and summer internships. Plus, immersive educational experiences from rocketry to racing, where skills are supercharged into action.

DISCOVERY CENTRE.

A space that honours Bruce McLaren's legacy with AI, interactive exhibits, and holographic storytelling. Visitors enter through a welcoming café into the Discovery Hub, where glass walls reveal the FSAE race car workshop and the Centre's cutting-edge labs.

OUR RESEARCH VISION.

LIGHTER.
SMARTER.
STRONGER.
FASTER.

If Bruce were alive today, what would he see as the most urgent and exciting challenges facing our world? This is what the Centre's research programme will answer, partnering with leading academics, PhDs and technical experts.

Using the next generation of lightweight, high-performance materials, advanced manufacturing and creative design to address society's needs across five key themes.

MOBILITY.

Safer and more accessible transport with a smaller environmental footprint.

SUSTAINABLE PRODUCTS.

From eco-friendly electronics to zero waste plastics.

INFRASTRUCTURE FUTURES.

Working towards a future of greener, more disaster-resilient structures.

ASSISTIVE HEALTHCARE.

The next generation of implants and prosthetics, centring around the wearer.

ACCESS TO SPACE.

Using technological innovation to make space access more reliable and affordable.



Flagship projects to
change the future.

Our flagship projects will see the whole team come together to develop world-first prototypes – like a high-performance car that's fully biodegradable, and a prosthetic that heals and adapts like living tissue. These aren't distant dreams, they're breakthroughs ready to be made.

“

We are delighted to be associated with this exciting initiative.

We strongly endorse it and encourage fellow admirers of Bruce McLaren and his legacy to help turn this vision into reality.

”



Zak Brown
CEO, McLaren
Racing Ltd



Nick Collins
CEO, McLaren
Automotive Ltd



JOIN US IN CONTINUING BRUCE McLAREN'S LEGACY.

The Bruce McLaren Centre for High Performance Engineering is a once-in-a-generation undertaking. It's not just shaping the future, it's cementing an important piece of history.

Backed by a \$NZ20 million commitment from the University of Auckland, the \$NZ100 million stage one project is about to come to life. We now invite visionary donors to come on board.

Help us turn breakthrough research into real-world solutions, change the way we move, build, and live, and open doors for the next generation of engineers. It's a legacy Bruce McLaren would be proud of.



A TRACK RECORD OF PERFORMANCE.

The University
of Auckland
is New Zealand's
pre-eminent
research-led
institution.

#65

RANKED 65 IN THE 2026 QS
WORLD UNIVERSITY RANKINGS

5 STAR+

RECIPIENT OF A FIVE STAR PLUS QS STARS
UNIVERSITY RATING FOR EXCELLENCE

In research, employability, teaching, facilities,
internationalisation, innovation and inclusiveness

TOP 20

IN THE 2025 QS WORLD UNIVERSITY
SUSTAINABILITY RANKINGS

TOP 50

2025 TIMES HIGHER EDUCATION
RANKING OF THE WORLD'S MOST
INTERNATIONAL UNIVERSITIES



LET'S TALK.

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