

UniServices Statistics

11 BUSINESSES

created to commercialise
University research in 2018

\$169 MILLION

new research
contracts in 2018

\$148 MILLION

raised by
our spin-out
companies in
past five years

306



patents licensed in past 5 years (84 in 2018)

653



invention disclosures in past 5 years

60

Research centres
and institutes across
the University

Research

Our researchers are at the leading edge of innovation. We are international research leaders in inductive (wireless) power transfer, computational physiology, artificial intelligence, human-machine interfaces, cancer, heart and brain disease research and better outcomes for mothers and babies.

More than 12,000 staff and postgraduate students are involved in fundamental and applied research, which generates more than \$200 million in annual research revenue.

Commercialising research

Auckland UniServices Ltd is the commercialisation and knowledge transfer arm of the University. UniServices works alongside academic staff to identify and protect discoveries with commercial potential, find business partners and negotiate licence agreements. It is the largest company of its kind in Australasia.

Centre for Innovation and Entrepreneurship (CIE)

Our aim is to unleash the spirit of innovation and entrepreneurship at the University. Based at the Business School, the CIE provides the knowledge, environment and inspiration to all staff and students through experiential programmes, events and workshops. We also offer a Master of Commercialisation and Entrepreneurship for people wanting to develop the capabilities to effectively commercialise and capture value from innovation and research.

Velocity

Velocity is the University's student-led entrepreneurial development programme, supported by the CIE. It was set up in 2003 and alumni have since launched more than 120 ventures, attracted more than \$220 million in investment and created 700-plus jobs.

Centres of Research Excellence

As well as having more than 50 research units, centres and institutes at departmental, faculty and University level, we host, or co-host, five of New Zealand's ten National Centres of Research Excellence.

- Maurice Wilkins Centre for Molecular Biodiscovery, targeting serious disease: mauricewilkinscentre.org
- Medical Technologies Centre, developing new technologies to improve hospital, community and home-based healthcare, and nurturing an enhanced MedTech business sector: cmdt.org.nz/medtechcore
- Te Pūnaha Matatini, the Centre for Complex Systems and Networks, transforming complex data about New Zealand's environment, economy and society into knowledge, tools and insights: tepunahamatatini.ac.nz
- Brain Research New Zealand, Rangahau Roro Aotearoa, ground-breaking research on the ageing brain and ageing-related neurological disorders: brnz.ac.nz
- Ngā Pae o te Māramatanga, New Zealand's Māori Centre of Research Excellence, conducting research of relevance to Māori communities and global indigenous affairs: maramatanga.co.nz

National Science Challenges

We are Challenge Contractor for two of New Zealand's National Science Challenges.

A Better Start: aims to reduce obesity and improve learning skills and mental health in New Zealand children. abetterstart.nz

High-Value Nutrition: tackles key nutrition questions with the goal of developing foods with proven health benefits for the consumers of tomorrow. highvaluenutrition.co.nz



Entrepreneurial Universities

In 2018, two world leaders in Augmented Reality (AR) joined our Bioengineering Institute as part of the New Zealand Government's Entrepreneurial Universities programme. Dr Suranga Nanayakkara (above) set up the Augmented Human Lab (AHLab) at Auckland, and Professor Mark Billinghurst established the Empathic Computing Laboratory. Dr Nanayakkara brought his research team from the University of Singapore to Auckland to set up his AHLab. His innovations include FingerReader, HapticChair, MuSS-Bits and StickEar. He is also developing wearable and sensory devices that can enable the vision- or hearing-impaired to perceive and make sense of their environment. ahlab.org

Research facilities

Examples of our top research facilities include:

Centre for Advanced Magnetic Resonance Imaging (CAMRI)

CAMRI has the most advanced 3T Skyra MRI research scanner in the world.

The Structures Testing Laboratory

This world-class facility conducts a wide range of structures and earthquake engineering-related experiments.

Augmented Human Laboratory

Enables human-computer interfaces to become natural extensions of our body, mind and behaviour.

Unleash Space

This is the University's vibrant Innovation and Entrepreneurship Hub – available for anyone at the University to collaborate and create.

National Conservation Laboratory for Wet Organic Archaeological Materials

The only facility of its type in the South Pacific, this laboratory offers specialist services including wet site evaluation and management, artefact assessment, chemical/physical analysis, documentation, collection surveys, treatment and archival packing.

Faculties, key academic units

Arts

Cultures, Languages and Linguistics

Humanities

Social Sciences

Te Wānanga o Waipapa – School of Māori Studies and Pacific Studies

Web: arts.auckland.ac.nz

Business and Economics

Accounting and Finance

Commercial Law

Economics

Information Systems and Operations Management

Management and International Business

Marketing

Property

Graduate School of Management

Web: business.auckland.ac.nz

Creative Arts and Industries

Architecture and Planning

Dance Studies

Elam

Music

Web: creative.auckland.ac.nz

Education and Social Work

Counselling, Human Services and Social Work

Critical Studies in Education

Curriculum and Pedagogy

Learning, Development and Professional Practice

Te Puna Wānanga / School of Māori and Indigenous Education

Centre for Learning and Research in Higher Education (CLear)

Web: education.auckland.ac.nz

Engineering

Chemical and Materials

Civil and Environmental

Electrical, Computer and Software

Engineering Science

Mechanical

Web: engineering.auckland.ac.nz

Law

Web: law.auckland.ac.nz

Medical and Health Sciences

Medical Sciences

Medicine

Nursing

Optometry and Vision Science

Pharmacy

Population Health

Te Kupenga Hauora Māori

Web: fmhs.auckland.ac.nz

Science

Biological Sciences

Chemical Sciences

Computer Science

Environment

Exercise Sciences

Marine Science

Mathematics

Physics

Psychology

Statistics

Web: science.auckland.ac.nz

Large-scale research institutes

Auckland Bioengineering Institute

Web: abi.auckland.ac.nz

Liggins Institute

Web: liggins.auckland.ac.nz



The University of Auckland

2019–2020 Profile

The University of Auckland

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auckland.ac.nz



Leading university

The University of Auckland is New Zealand's highest-ranked, largest and most comprehensive university. It is internationally recognised as one of the world's top five emerging leaders in entrepreneurship and innovation, and is the most innovative university in New Zealand.

We conduct teaching and research across eight faculties and two large-scale research institutes, and have the largest graduate school in the country, with a third of all of New Zealand's postgraduates obtaining a University of Auckland degree. We are also New Zealand's leading university for graduate employability.

Founded by an Act of Parliament in 1883, the University of Auckland has, from our earliest days, admitted both male and female students. We are committed to equity across gender, sexual orientation, ethnicity, cultural and religious practices and for those with disabilities.

We have a wide network of international affiliations and formal agreements with 182 universities in 39 countries. We are the only New Zealand member of Universitas 21, the Worldwide Universities Network, and the Association of Pacific Rim Universities.

8000 students from **120** countries enrolled in 2019

We are a global leader in Pacific research and teaching and in 2018 appointed the world's first Pro-Vice Chancellor Pacific. We educate 75 percent of New Zealand's Pacific students and employ 90 percent of the country's academics of Pacific Island descent.

QS WORLD UNIVERSITY RANKINGS:
13 SUBJECTS IN THE WORLD'S TOP 50

Archaeology	23
Education	26
Geography	28
Pharmacy and Pharmacology	30
Nursing	36
Engineering (Civil and Structural)	37
English Language and Literature	38
Philosophy	41
Sports-related Subjects	41
Law	44
Linguistics	46
Anthropology	49
Psychology	50

#1

RANKED UNIVERSITY IN NEW ZEALAND*

#1

IN NEW ZEALAND

for graduate employability**

#1

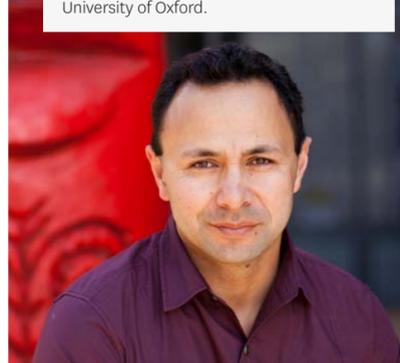
IN THE WORLD

Times Higher Education University Impact Rankings 2019

*83rd in the Quacquarelli Symonds (QS) World University Rankings (up 11 places since 2014)
 • 1st globally in the inaugural Times Higher Education (THE) University Impact Rankings • **71st in the QS Graduate Employability Rankings • 201-250 band in the THE World University Rankings • 201-300 band for the Academic Ranking of World Universities
 • 142nd in the US News Best Global Universities Rankings • 39th in the Reuters Top 75, Asia's Most Innovative Universities rankings

Pacific leader

Associate Professor Toeolesulusulu Damon Salea is the University's first Pro Vice-Chancellor (Pacific). Of Samoan descent, Dr Salea is a leading author and historian of Pacific studies and race relations. He was also the first person of Pacific Island origin to become a Rhodes scholar at the University of Oxford.



Students
TOTAL STUDENT NUMBERS **42,759**



Young entrepreneur – Alliv Samson

Alliv is one of the founders of tech start-up Kami. This is an easy-to-use web application that allows users to collaborate, view, edit and annotate digital documentation like never before. Founded in 2013 by Alliv and two fellow University alumnae, Kami now has more than six million users, with a strong presence in the North American education market. Alliv has a BA in Political Studies and Media Studies and kicked off her entrepreneurial journey with Kami as a finalist in Velocity, the University's Entrepreneurship Challenge.

Domestic	34,739	Doctorate	3,028
International	8,020	Other	905
Undergraduate*	30,412		
Postgraduate*	9,167		

*Includes multiple enrolments for individual students



International student – Anwar Hegazy

The recipient of a New Zealand Development Scholarship, Anwar Hegazy is from Alexandria in Egypt and pursuing a doctorate in Mechanical Engineering. His research focuses on energy and energy engineering, especially thermo-fluid systems. "My goal is to develop as a top researcher in my field," he says. Anwar is designing an energy and water conservation agricultural procedure. "By the end of my study, my objective is to reach an applicable and fully optimised design of the system."



Sporting career – Stacey Michelsen

2018 was a historic year for commerce student Stacey Michelsen, who is studying for a Law Business conjoint degree. As captain of the Black Sticks Women's hockey team for the 2018 Commonwealth Games, Stacey led her team to a historic gold at the Gold Coast event. With an impressive 250 caps to her name, Stacey was further honoured when she was chosen as New Zealand's flag bearer at the closing ceremony.

Staff
TOTAL STAFF NUMBER* **8,441**

Academic	4,438
Professional	4,310

* Some staff have both academic and professional roles

Staff fellowships and awards

National Teaching Excellence Awards	28
Fellows of the Royal Society of London	4
Fellows of the Royal Society of New Zealand	89
Rutherford Medal holders (the Royal Society of New Zealand's highest honour for the advancement of science, mathematics, social science, or technology)	9
Fields Medal holder (Awarded internationally for outstanding discoveries in Mathematics)	1

Top teachers

Since the Government introduced National Tertiary Teaching Excellence Awards in 2001, Auckland has won 28 awards. Associate Professor Christine Woods and Associate Professor Mānuka Hēnare from the Business School received National Tertiary Teaching Excellence Awards in 2018.



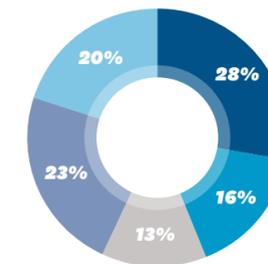
Associate Professor Christine Woods received a National Teaching Excellence Award in 2018.



Distinguished Professor Dame Margaret Brimble is renowned for her work in medicinal chemistry.

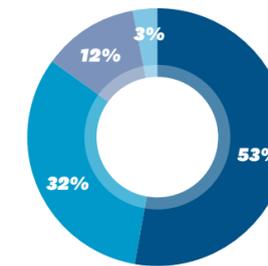
Budget

Revenue



- Government grants for SAC*
- Domestic student fees
- International student fees
- External research revenue
- Other revenue

Expenditure



- People costs
- Operating costs
- Depreciation and amortisation
- Surplus

*Student achievement component



Dr Mark Sagar, distinguished Engineering alumnus, Academy Award winner, artificial intelligence pioneer.



Dr Aroha Harris, Arts alumna, Māori historian and acclaimed author.



Luke Willis Thompson, Creative Arts and Industries alumnus, short-listed for Britain's 2018 Turner Art Prize.

Economic contribution

The University makes a substantial contribution to the economy of the Auckland region. In 2018 it had \$3.48 billion in total assets and an annual revenue of \$1.2 billion. The University owns key historic and architecturally significant public buildings in the city including Old Government House, the Sir Owen G. Glenn Building and the ClockTower.

Alumni

TOTAL ALUMNI

199,744

Overseas alumni	21,653
New Zealand alumni	178,091

Among our distinguished alumni are:

- Distinguished mathematician and Fields Medal winner Sir Vaughan Jones
- International artist Luke Willis Thompson
- Innovator and founder of international artificial intelligence company Soul Machines Dr Mark Sagar
- noted composer Gareth Farr
- Māori historian Dr Aroha Harris

Led by Alumni Relations and Development, the campaign "For All Our Futures" set a target of \$300 million to address critical challenges facing our communities.

We have been working with donors, alumni and other supporters to answer questions such as: 'Can we dramatically improve cancer survival rates?'; 'Can we have the best school system in the world?'; and 'Can we build a modern, robust economy?'

alumni.ac.nz

Campuses

1 City

Located in Auckland City, home to the University's administration, Arts, Engineering, Science, Law, Business and Creative Arts and Industries faculties.

2 Grafton

Home to the Faculty of Medical and Health Sciences and adjacent to Auckland Hospital.

3 Newmarket Innovation Precinct

Covering five hectares, this campus is adjacent to the major business area in Newmarket and has state-of-the-art facilities for the faculties of Engineering and Science as well as business co-location.

4 Tamaki

A campus specialising in postgraduate and research activity, especially in the area of health innovation, biodiversity and biosecurity innovation.

5 Epsom

The main Faculty of Education and Social Work campus, ten minutes' drive from the city.

6 Tai Tokerau in Whangarei

Three hours north of Auckland, it offers courses run by the Faculty of Education and Social Work.

