

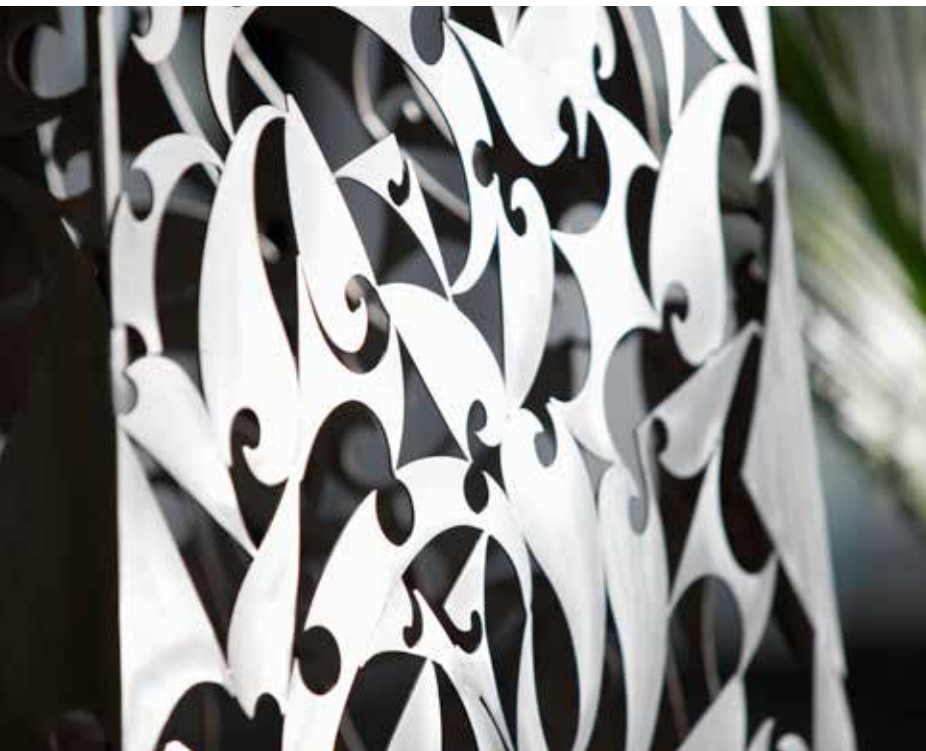


THE UNIVERSITY
OF AUCKLAND

NEW ZEALAND


Te Whare Wānanga o Tāmaki Makaurau

The University of Auckland 2013-14 Profile





The University of Auckland Profile



The University of Auckland is New Zealand's leading university. It is the only one included in the Times Higher Education top 200 and it is the highest ranked New Zealand university in the QS World University Rankings and Shanghai Jiao Tong Academic Ranking of World Universities. Some 35 percent of the top ranked academic researchers in New Zealand are at The University of Auckland.

www.auckland.ac.nz/leadinguniversity

History of the University

Founded by Act of Parliament in 1883 as a College of the University of New Zealand, The University of Auckland became fully independent in 1962. From the beginning it has admitted both men and women as students. At first the college dedicated itself to providing opportunities for higher education in the arts, science and music and vocational education in law, teaching and commerce. Over time its curriculum has expanded to include architecture, fine arts, engineering, planning, medical and health sciences and theology.

The University was established in the heart of the small colonial city of Auckland and has grown to become a major feature of the twenty-first century city, with a number of specialised satellite campuses. The iconic ClockTower, built in 1926, is a city landmark and the more recent Owen G Glenn

Building for the Business School is one of the most commented on buildings of its time.

The original staff of four professors and a registrar has swelled to over 2,000 academic and 2,800 professional staff. In 1883 the college enrolled 95 students; now it enrolls over 40,000 each year.

The University is an international university with staff appointed from many countries and students attending from around the world. Both staff and students participate in international exchanges and attend international conferences. These international linkages are vital to a teaching and research university which strives to be academically excellent and to provide its staff and students with the best possible educational and career opportunities.



Canoeist: Teneale Hatton



Top teacher: Professor Mike Walker

Students

Total student numbers	41,000
Domestic	35,500
International	5,500
Undergraduate	32,300
Postgraduate*	10,300
Masters	2,700
PhD	2,300
Other	5,300

*Includes multiple enrolments for one student.

Student entrepreneur

In 2003 Engineering student Fady Mishriki (BE, BCom 2007) entered the University's Spark Entrepreneurial Challenge, sowing the seeds for the wireless power company PowerbyProxi. "Spark provided us with

world-class training, education and mentorship from experienced business people," says Fady, now the company's CEO.

PowerbyProxi had its first major break when it secured John Deere, the world's largest maker of farm and forestry equipment, as a partner and customer. Now it is leading a revolution to deliver unplugged power to hostile industrial environments where power cables, physical connectors and mechanical slip rings are problematic, expensive and unreliable. The company has offices in Auckland and Cincinnati, it has backing from the investment group Movac and its customers include several Fortune 100 companies. www.powerbyproxi.com

Sporting career

One of New Zealand's leading women canoeists, Teneale Hatton is combining her international sporting career with study for a Bachelor of Commerce majoring in commercial law and international business. Last year the 22-year-old competed in the K1 500m Sprint Canoe team at the Olympics in London and as a result is ranked among the top 15 female canoeists in the world. In 2013 Teneale is combining her final year of study with the Open World Cup series throughout Europe followed by the under-23 world champs in Canada and Open World championships in Germany (sprint), Portugal (ski) and Denmark (marathon).

Staff

Total staff numbers	5,000
Academic	2,200
Professional	2,800

Staff fellowships and awards:

National Teaching Excellence Awards

(Set up by the Government in 2002 with nine awarded each year) - 16

Fellows of the Royal Society - 3

Fellows of the Royal Society of NZ - 69

Rutherford Medal

(The Royal Society of NZ's highest honour for the advancement and development of science, mathematics, social science, or technology) - 6

Fields Medal

(Awarded internationally for outstanding discoveries in Mathematics) - 1

Top teachers

Auckland teachers or teaching teams have won a National Tertiary Teaching Excellence Award in almost every year since their inception in 2002. In 2011 biological scientist Professor Mike Walker received an award for sustained excellence in a kuapapa Māori context, and also received the Prime Minister's Supreme Award.

Top researcher

Distinguished Professor of Chemistry Margaret Brimble is a fellow of the Royal Society of New Zealand (FRSNZ) and in 2012 received the Rutherford Medal, the highest award of the RSNZ, for her world-leading contributions to the synthesis of bioactive natural products and novel peptides with wide applications across the

life sciences industry. She also won the RSNZ's MacDiarmid Medal for outstanding scientific application to human benefit and the Hector Medal for outstanding work in the chemical sciences.

Top New Zealander

Dame Anne Salmond, Distinguished Professor of Māori Studies and Anthropology from the Faculty of Arts, is 2013 Kiwibank New Zealander of the Year. She is the author of seven award-winning books and myriad articles on Māori life and cross-cultural encounters in New Zealand and the Pacific. Dame Anne is New Zealand's foremost anthropologist, recognised internationally for her eminent scholarship on Māori and Pacific societies and voyaging in the Pacific.



2013 NZer of the Year: Professor Dame Anne Salmond



Alumnus: Phil O'Reilly

Student profile

Canadian PhD candidate Jennifer Tatebe has been studying at The University of Auckland's Faculty of Education since 2010. After completing her undergraduate and masters degrees at the University of British Columbia, Jennifer came to New Zealand to get a broader perspective on teacher education. She soon became interested in perceptions of New Zealand's school decile rating system. "People had fixed views about school decile rankings and I was keen to know what teacher education could do to change that." Three years on, Jennifer is near completion of her doctoral study looking at postgraduate student teachers across the country and their perception of decile 1 to 3 schools. She believes her research could really make a difference and would like to see it applied in a practical way. "I am glad my professors in Vancouver encouraged me to have an international experience," she says.



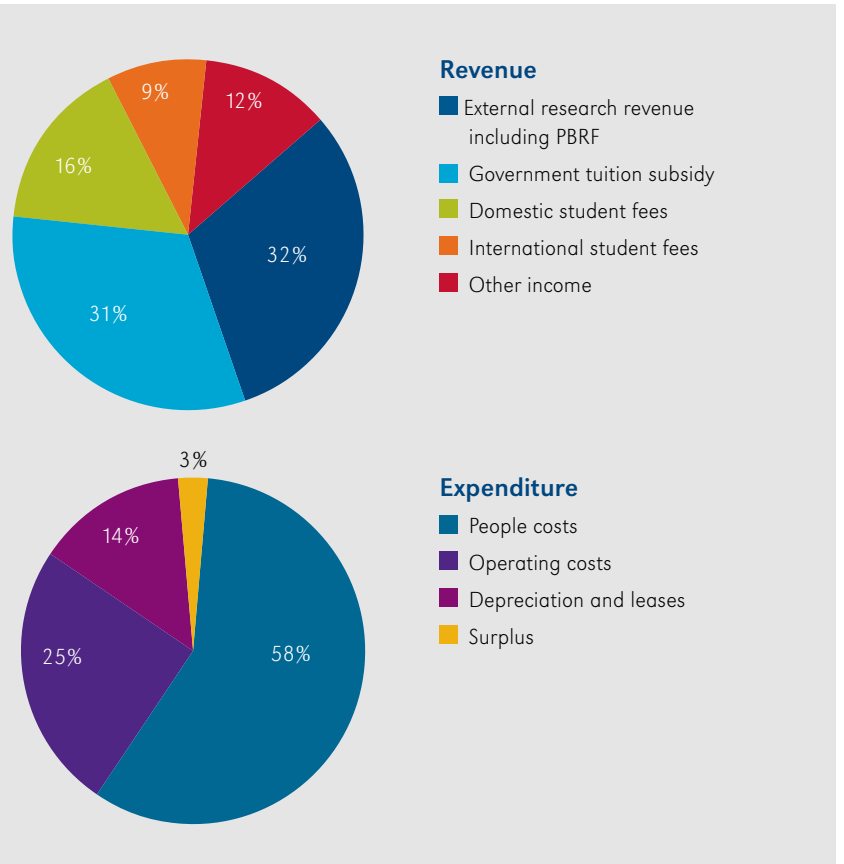
Alumni

Total alumni	115,000
Overseas alumni	14,000
New Zealand alumni	101,000

Among our alumni are: His Excellency Rt Hon Sir Anand Satyanand (LLB 1971, LLD (Honorary) 2006) Governor General of New Zealand 2006-2011; Rt Hon Helen Clark

(BA 1971, MA 1974, LLD (Honorary) 2010) Prime Minister of New Zealand 1999-2008, now based in New York as Administrator of the United Nations Development Programme; 2012 Olympic gold medallist champion rower Mahe Drysdale (BCom 1999, GDCom 2001); and Phil O'Reilly (BA 1984, MA 1986) CEO BusinessNZ.

Budget





Historian: Associate Professor Damon Salesa



Neonatologist: Professor Jane Harding

Research

The University of Auckland is New Zealand's largest research organisation with more than 12,000 staff and postgraduate students involved in fundamental and applied research. It generates more than \$200 million in annual research revenue and more than \$30 million from overseas bodies such as the European Commission and the National Institutes of Health (US).

The New Zealand Government operates a national research evaluation system, the Performance Based Research Fund (PBRF), which is similar to the British Research Assessment Exercise (RAE) but based on the evaluation of individual staff. Twenty-seven New Zealand tertiary institutions participated in this exercise in 2012.

The University of Auckland, with just 25% of the eligible staff nationally:

- Had 35% of the top rated researchers in the whole country
- Won 28% of the funding nationally based on quality evaluation of academic staff, 33% of the funding based on research degree completions and 36% of the funding based on external research income
- Won 31% of the funding overall, thereby confirming its position as the nation's premier research institution.

Our research programmes range across all disciplines: from Education where researchers are trying to increase learning success in clusters of low-achieving primary and secondary schools to our Auckland Cancer Society Research Centre which is a world leader in cancer drug development. We are international research leaders in inductive (wireless) power transfer and

computational physiology. Neonatologist Distinguished Professor Jane Harding (FRSNZ) is leading a project that has global implications for reducing brain damage in newborn babies and has funding from the United States National Institutes of Health (NIH). One of our researchers and teachers at the Centre for Pacific Studies, Associate Professor Damon Salesa, won the prestigious international Ernest Scott prize in 2012 for his book *Racial Crossings: Race, Inter-marriage, and the Victorian British Empire*.

Centres of Research Excellence

As well as having more than 50 research units, centres and institutes at departmental, faculty and University level, we host three of New Zealand's seven national Centres of Research Excellence established by the Government to drive innovative, international research. These are:

Maurice Wilkins Centre for Molecular Biodiscovery, which brings together over 200 researchers in multi-disciplinary teams working in drug discovery and development aimed at serious disease. www.mauricewilkinscentre.org.nz

Ngā Pae o te Māramatanga, which carries out research for the development and advancement of New Zealand's indigenous Māori, focusing on their needs and aspirations in education, health and science. www.maramatanga.co.nz

Gravida (National Centre for Growth and Development), brings together leading biomedical, clinical and animal

scientists from across New Zealand and around the world. www.gravida.org.nz

Commercialising research UniServices

Auckland UniServices Limited is our commercial research and knowledge transfer company. It is the largest company of its kind in Australasia with 700 employees. UniServices brings income and new employment opportunities into the University and New Zealand with revenue of NZ\$135 million in 2012, over 230 licences for intellectual property, and more than 35 New Zealand businesses created from University research.

UniServices currently has more than 1,500 projects in 45 countries around the globe. These range from inductive power transfer wirelessly charging vehicles on the streets of London, to educating people from all around the world with customised education programmes, to creating energy from artificial muscles, geothermal partnerships in Indonesia and robots assisting with elderly care. www.uniservices.co.nz

Entrepreneurial ecosystem

The University's Business School has established an entrepreneurial ecosystem to foster young entrepreneurs to create start-up companies. It features two key competitions: Spark – an annual student-led entrepreneurial challenge with categories ranging from new ideas through to fully developed products and business plans, and Chiasma – another student-led initiative which encourages ideas, networking, careers and business in biotechnology. www.spark.auckland.ac.nz www.chiasma.auckland.ac.nz



Grafton Campus

- Critical Studies in Education
 - Science, Mathematics and Technology
 - Te Puna Wānanga
 - Teaching, Learning and Development
 - Teacher Education Practice
- www.education.auckland.ac.nz

Faculty of Engineering

- Chemical and Materials
 - Civil and Environmental
 - Electrical and Computer
 - Engineering Science
 - Mechanical
 - Institute of Earth Science and Engineering
- www.engineering.auckland.ac.nz

Faculty of Law

www.law.auckland.ac.nz

Faculty of Medical and Health Sciences

- Medical Sciences
 - Medicine
 - National Institute for Health Innovation (NIHI)
 - Nursing
 - Optometry and Vision Science
 - Pharmacy
 - Population Health
- www.fmhs.auckland.ac.nz

Faculty of Science

- Biological Sciences
 - Chemical Sciences
 - Computer Science
 - Environment
 - Leigh Marine Laboratory
 - Mathematics
 - Physics
 - Psychology
 - Sport and Exercise Science
 - Statistics
- www.science.auckland.ac.nz

Auckland Bioengineering Institute

www.abi.auckland.ac.nz

Liggins Institute

www.liggins.auckland.ac.nz

Faculties and academic units

Faculty of Arts*

- Anthropology
- Applied Language Studies and Linguistics
- Art History
- Asian Studies
- Centre for Development Studies
- Centre for Pacific Studies
- Classics and Ancient History
- English
- European Languages and Literatures
- Film, Television and Media Studies
- History
- Māori Studies
- Philosophy
- Political Studies
- Sociology
- Theology

www.arts.auckland.ac.nz

*The Faculty of Arts will be re-organised into three large and one small school from 2014. These are: The School of Humanities, the School of Social Sciences, the School of Cultures, Languages and Linguistics, and the School of Māori Studies and Pacific Studies.

Faculty of Business and Economics

- Accounting and Finance
 - Commercial Law
 - Economics
 - Graduate School of Enterprise
 - Information Systems and Operations Management
 - Management and International Business
 - Marketing
 - Property
 - NZ Asia Institute
 - NZ Leadership Institute
 - Centre for Entrepreneurial Learning
- www.business.auckland.ac.nz

Faculty of Creative Arts and Industries (NICAI)

- Architecture and Planning
- Dance Studies
- Fine Arts (Elam)
- Music
- NZ Art Centre for Research and Discovery

www.creative.auckland.ac.nz

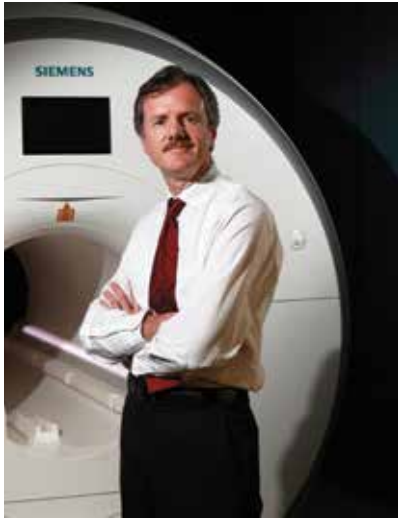
Faculty of Education

- Curriculum and Pedagogy
- Counselling, Human Services and Social Work

Subject rankings

The Times Higher Education publishes the top 400 universities each year. The University of Auckland is the only New Zealand university included in the top 200. Auckland's ranking in 2012 of 161 is seventh highest of all Australian and New Zealand universities. In 2012 The University of Auckland was the highest ranked New Zealand university at 83 in QS World University Rankings of 700 universities. In ranking of broad subject areas The University of Auckland is: 59th Arts and Humanities, 50th for Life Sciences & Medicine, 85th Natural Science, 44 Social Sciences and Management and 68 Engineering and Technology. www.auckland.ac.nz/uoa/key-statistics.

In the 2013 QS subject rankings, The University of Auckland is ranked 24th in History, Education and Law and 21st for Civil Engineering.



Dr Brett Cowan with the MRI scanner



Dilys Johns, Director of the National Conservation Laboratory.

Campuses

City – this covers 16 hectares in the heart of Auckland City and is home to the University's administration and the Arts, Engineering, Science, Law, Business and Creative Arts and Industries faculties.

Grafton – houses the Faculty of Medical and Health Sciences and is adjacent to Auckland Hospital. It has just undergone a \$240 million redevelopment replacing traditional divisions between departments with theme-based, open-plan, multi-disciplinary research spaces.

Newmarket – this is a new campus covering 5 hectares and adjacent to the major business area in Newmarket. It will provide the University with a site for expansion over the next 50 years, with Engineering occupying the first of the new facilities in 2014.

Tāmaki – is home to the School of Population Health, and the Sport and Exercise Science programmes.

Epsom – is the main Faculty of Education campus, 10 minutes drive from the city, and offers programmes in teacher education and social services.

Tai Tokerau – offers courses run mainly by the Faculty of Education in Whangarei, three hours north of Auckland.

www.auckland.ac.nz/campuslocations

Facilities

Research facilities

Among leading University research facilities that benefit staff, students and the public is the world-class Centre for Advance MRI (Magnetic Resonance Imaging) at Grafton which has the most advanced 3T Skyra MRI research scanner in the world. Our National Conservation Laboratory for Wet Organic Archaeological Materials based in the Department of Anthropology is the only facility of its type in the South Pacific and our new Brain Recovery Clinic at Tāmaki Innovation Campus links people in the Auckland community with world-leading scientists and clinicians from our Centre for Brain Research.

Library

The University Library system is the most extensive tertiary library system in New Zealand and ranks alongside the top five university libraries in Australia. Located on the five campuses, it includes 14 subject-specific libraries, three of which include information commons, as well as the stand-alone Kate Edger Information

Commons on the City Campus. There are 4,700 study spaces, 1,200 with computers. Each year the University invests over NZ \$18 million in the Library's collections giving students and staff access to a very extensive digital collection as well as print, multi-media and archival collections.

Art and recreation

On the City Campus there is a large Recreation Centre, a 448-seat theatre and 150-seat Music Theatre, and two art galleries: The Gus Fisher and George Fraser. At Epsom Campus there are dance studios, a fitness centre and gymnasium, tennis courts and a swimming pool.

The University provides counselling and medical services for students and there are three childcare centres on the City Campus and two each at Epsom and Grafton.

International engagement

Auckland has formal agreements with 155 universities in 34 countries and we attract high-quality undergraduate and

postgraduate international students to study here from over 114 countries.

We are the only New Zealand member of Universitas 21, the Association of Pacific Rim Universities and Worldwide Universities Network – three international consortia which enable leading research universities from around the world to collaborate in addressing issues of global significance.

We have strong collaborations with leading universities in China – including initiatives such as the New Zealand Centre, established at Peking University as a venue for NZ-China policy development, the Three Brothers collaboration with Tsinghua and Qinghai universities in highland ecology and advanced materials and a Confucius Institute (one of 300 worldwide) based at Auckland and run in partnership with Fudan University. Top Chinese PhD students are also enrolling at Auckland, many in disciplines like biomedicine and bioengineering.



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OF AUCKLAND**

NEW ZEALAND

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