At UNSW Australia we develop leaders who shape the future.

We’re a powerhouse of cutting-edge research and teaching in the Asia-Pacific.

Innovation, technology and creativity are at the heart of what we do.

We are dedicated to tackling society’s big issues.

We are trusted partners with industry, government and the community – a catalyst for change committed to making a difference.

UNSW. Never Stand Still.
Despite funding cuts to the sector, we continued to build momentum and cement our position as Australia’s leading research-intensive university focused on science, technology, and the professions.

I am pleased to report that 2013 was an extremely successful year for UNSW.

Despite funding cuts to the sector, we continued to build momentum and cement our position as Australia’s leading research-intensive university focused on science, technology, and the professions. We were able to maintain staff levels and continue campus improvements. We opened a new centre for sustainable energy research, completed the $58 million rebuild of our College of Fine Arts campus, and are close to finishing a major refurbishment of our medical teaching and research facilities.

On-campus student accommodation was significantly expanded with the opening of the University Terraces apartments in January. With the Kensington Colleges redevelopment, we now have almost 5,000 student beds on campus, more than any other NSW university. This thriving “city within a city” is making a dramatic difference to campus life.

In terms of enrolments, we attracted the highest number of Top 500 students in the state and made significant progress in encouraging enrolments from Aboriginal and Torres Strait Islander and low SES students. International enrolments were strong, as were enrolments in research degrees.

UNSW’s research performance continued to impress, with particular success in medical research grants and a number of international and national awards for our researchers. The University acquitted itself well in international and domestic rankings. We rose 10 places in the 2013 QS World University Rankings and the 2013 Shanghai Jiao Tong University Acquisitions of the University for their support. I look forward to seeing our keep it up, all of whom have made such a major the University, due to a greater level of engagement with our alumni.

The UNSW Council has been invaluable in helping to set strategic directions for the University, and the expertise of the senior management team and the dedication of our talented staff have been essential to the progress we are now documenting. Our thanks go to them all.

I want to particularly pay tribute in this message to the enormous contribution made by Vice-Chancellor Fred Hilmer. Professor Hilmer, who has announced his decision to step down at the end of this year, has been the driving force behind the University’s trajectory over that time. As the Vice-Chancellor has detailed in his report, the University made significant progress on a number of fronts in 2013.

Our ambitious building program continues to transform the campus, creating 21st century research and teaching facilities, while our strategic investment in attracting and retaining high-performing researchers is paying dividends in competitive grants, citations and academic reputation. Investment in technology and a focus on teaching excellence are providing our students with a high-quality learning experience while the expansion of on-campus student accommodation is helping to ensure a vibrant and dynamic campus.

The financial results for the year are very sound and I am particularly pleased to see a significant increase in philanthropic donations to the University, due to a greater level of engagement with our alumni.

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I want to particularly pay tribute in this message to the enormous contribution made by Vice-Chancellor Fred Hilmer. Professor Hilmer, who has announced his decision to step down at the end of 2013 after more than eight wonderful years in the job, I take this opportunity to thank the Chancellor, David Gonski, for his unstinting support and wise guidance over this period. My thanks go also to other members of the UNSW Council, senior management and staff, all of whom have made such a major contribution to our success, and to our alumni and other friends of the University for their support. I look forward to seeing many of you over the next 12 months.

Professor Frederick Hilmer AO
President and Vice-Chancellor

As the Vice-Chancellor has detailed in his report, the University made significant progress on a number of fronts in 2013.

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I want to particularly pay tribute in this message to the enormous contribution made by Vice-Chancellor Fred Hilmer. Professor Hilmer, who has announced his decision to step down at the end of 2013 after more than eight years of distinguished service, has been the driving force behind the University’s trajectory over that time.

One of his first measures as Vice-Chancellor was to begin the process of developing an effective strategic framework for the University. Blueprint to Beyond is revisited and fine-tuned regularly to ensure we are continually defining our objectives, aspirations and focus. The result of extensive consultation, it is a living document that has provided both a visionary and practical road-map for the University.

From the beginning of his tenure, the challenge Professor Hilmer articulated to Council, to senior management and staff was: “What sort of university do we want to be? And having decided that, what do we then need to focus on to achieve our objectives?”

Strategy is of course always about choice. Under Professor Hilmer’s leadership I believe we have made the right choices, and UNSW is a finer and more successful institution as a result.

The University has embarked on an international search for Professor Hilmer’s successor, with the intention of having the new President and Vice-Chancellor take up the role no later than early 2015.

Mr David Gonski AC
Chancellor

Strategy is of course always about choice. Under Professor Hilmer’s leadership I believe we have made the right choices, and UNSW is a finer and more successful institution as a result.
About UNSW Australia

Established in 1949 with a unique focus on the scientific, technological and professional disciplines, UNSW has a proud tradition of sustained innovation, focusing on areas critical to our future – from climate change and renewable energies to life-saving medical treatments and breakthrough technologies.

UNSW has eight faculties and one University College offering an extensive range of undergraduate, postgraduate and research programs.

We attract talented students from across Australia and around the world. Our 50,000-plus students come from 125 countries, making us one of Australia’s most cosmopolitan universities. Our emphasis on quality continues to push up entry standards – in 2013 we saw record demand from the state’s top school leavers.

The main UNSW campus is located on a 38-hectare site at Kensington, seven kilometres from the centre of Sydney. Other major campuses are the College of Fine Arts in Paddington and UNSW Canberra at the Australian Defence Force Academy.

Our Mission

Strategy

B2B Blueprint to Beyond, the UNSW Strategic Intent, reflects the University’s fundamental mission of education, research and community engagement. It underpins our Faculty and Divisional plans, and its guiding principles and objectives inform our policies, processes and procedures.

Aspiration

Our aspiration is to continually improve our position as a leading research-intensive university in the Asia-Pacific region, focusing on contemporary and social issues through defined strengths in professional, scientific and technological fields. We seek to make a significant contribution to the development of knowledge, to learning and teaching, to our students, and to society.

Objectives

• Continue to build on our position as a peer of the best globally in research performance, concentrating on defined strengths.
• Develop globally focused graduates who are rigorous scholars, capable of leadership and professional practices in an international community.
• Be a valued partner with key communities, making an impact on contemporary issues.
• Improve underlying leadership and operational capabilities.
• Maximize the availability of resources and the assignment of resources to priority areas.

Guiding principles

In pursuing our aspiration, and in the way in which UNSW is led and managed, we value and embed:

• Academic freedom
• Leadership
• Innovation, initiative and creativity
• Recognition of merit and excellence
• Integrity and high ethical standards
• Equity, opportunity and diversity
• Mutual respect, collegiality, teamwork and high service standards
• Professionalism, accountability and transparency
• Safety
• Environmental sustainability.

At a Glance
Snapshot

Students

54,517
STUDENT ENROLMENTS*

40,914
LOCAL STUDENTS

13,603
INTERNATIONAL STUDENTS

38,828
STUDENT LOAD (EFTSU)

21,762
COMMENCING ENROLMENTS

250,000
ALUMNI

Staff

6,104*
TOTAL STAFF

* 5,669 Full-time equivalent

FEMALE 1,077
MALE 1,685
ACADEMIC STAFF

FEMALE 2,127
MALE 1,215
PROFESSIONAL STAFF

2013 Financial Summary

<table>
<thead>
<tr>
<th></th>
<th>CONSOLIDATED</th>
<th>UNIVERSITY</th>
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<tr>
<td></td>
<td>2013</td>
<td>2012</td>
</tr>
<tr>
<td>$’000</td>
<td>$’000</td>
<td>$’000</td>
</tr>
<tr>
<td>Total revenue and income</td>
<td>1,132,948</td>
<td>1,095,045</td>
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<tr>
<td>Employee costs</td>
<td>(650,033)</td>
<td>(634,620)</td>
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<tr>
<td>Other expenses</td>
<td>(453,734)</td>
<td>(449,144)</td>
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<tr>
<td>Operating result</td>
<td>29,181</td>
<td>11,281</td>
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<tr>
<td>Restricted surplus</td>
<td>24,775</td>
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<tr>
<td>Investment earnings</td>
<td>26,085</td>
<td>27,293</td>
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<tr>
<td>Income for capital projects</td>
<td>25,722</td>
<td>24,783</td>
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<tr>
<td>Impairment of assets</td>
<td>(939)</td>
<td>(11,079)</td>
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<tr>
<td>Forgiveness of loan</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Gain on sale of assets</td>
<td>-</td>
<td>2,984</td>
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<tr>
<td>Revaluation of ATPi</td>
<td>-</td>
<td>4,167</td>
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<tr>
<td>Accounting result</td>
<td>104,824</td>
<td>90,425</td>
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1 Includes impairment on all assets except for student receivables and sundry debtors.
2 Forgiveness of intercompany loan to NewSouth Innovations Pty Ltd.
3 Includes gain on sale of 78-82 Bay St, Branksome, NSW properties.
4 Revaluation of investment in Australian Technology Park Innovation Pty Ltd (ATPi).

Students by Faculty

- 7,182 Arts & Social Sciences
- 12,214 Australian School of Business
- 2,907 Built Environment
- 3,497 College of Fine Arts
- 10,774 Engineering
- 3,062 Law
- 3,898 Medicine
- 6,340 Science
- 3,273 UNSW Canberra
- 1,350 Other

Top 10 Countries of Origin for International Students

- 6,158 China (excludes SARs and Taiwan)
- 847 Hong Kong (SAR of China)
- 750 Malaysia
- 672 Indonesia
- 660 United States of America
- 618 Singapore
- 345 Korea
- 284 India
- 279 Vietnam
- 197 Brazil

*Student enrolments are for the full year 2013, as reported to the Commonwealth Government.

Graduate Starting Salaries*

Undergraduates

$60,000
Employment Rate
83%

Postgraduate

$100,000
Employment Rate
90%

*Domestic students
Source: Australian Graduate Survey 2013
UNSW is ranked 52nd in the 2013 QS World University Rankings.

FACULTIES

ARTS AND SOCIAL SCIENCES
AUSTRALIAN SCHOOL OF BUSINESS
BUILT ENVIRONMENT
COLLEGE OF FINE ARTS
ENGINEERING
LAW
MEDICINE
SCIENCE

UNSW CANBERRA
Unique in Australia, UNSW Canberra at the Australian Defence Force Academy provides undergraduate education for officer cadets as well as postgraduate programs in arts, business, IT, engineering, management and science, which are open to all students.

The University is ranked

52nd
in the 2013 QS World University Rankings.

Five Stars

In 2013, UNSW achieved the maximum QS Five Star Plus rating - one of only eight universities in the world to do so.

Most awarded

UNSW scored more five-star ratings in the 2014 Good Universities Guide than any other university in Australia.

Research excellence

The 2012 Excellence in Research for Australia Report recognised UNSW as “above or well above” world standard

16 subjects in world’s top 50

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<td>41</td>
<td>46</td>
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Leader in Education

UNSW is a founding member of the Group of Eight – a coalition of Australia’s leading research-intensive universities – and the prestigious Universities 21 international network.

In 2013, UNSW joined the Global Alliance of Technological Universities as its only Australian member; was elected to the Association of Pacific Rim Universities network; and partnered with Coursera, the largest provider of MOOCs in the world.

UNSW has produced more technology entrepreneurs in the past 15 years than any other Australian university.

(Spear’s WealthInsight 2014)

More of Australia’s top CEOs who lead ASX200 companies studied at UNSW than any other university.

(Leading Company 2012)

UNSW boasts the largest number of millionaire alumni than any other university in Australia.

(Leading Company 2012)

UNSW undergraduates and postgraduates earn the highest median starting salary and have the highest employment rate of any university in NSW.

(Australian Graduate Survey 2013)
2013 in Review

January

ASB Dean Geoffrey Garrett appointed Dean of the Tasmanian School of Business.

Gandhi Oration Former High Court Judge Michael Kirby delivers UNSW’s 2013 Gandhi Oration.

Scientific excellence Dr Lisa Alexander, a UNSW expert in climate extremes, receives Australian Academy of Science award for scientific excellence.

MBA ranking The full-time MBA offered by the Australian Graduate School of Management ranked in the world’s top 56 programs by the Financial Times.

Honours A distinguished group of UNSW researchers from engineering, medicine, law and dentistry recognised in the Australia Day honours.

February

Chancellor David Gonski reappointed for a third term.

COFA Professor Ross Harvey appointed Dean of the College of Fine Arts.

UNSW Law appointments Former Federal Court judges the Hon Ronald Sackville QC AO and the Hon Margaret Stone take up teaching posts.

Inspiring speaker Inventor of the world wide web, Sir Tim Berners-Lee, addresses UNSW audience and urges students to play a role in developing the web’s next big idea.

High note Roger Covell, co-founder of the Australia Ensemble, awarded the Sir Bernard Heinze Award for lifetime dedication to music.

Student union Arc UNSW recognised with a top rating from the National Union of Students.

March

Global reputation UNSW ranked as one of the world’s top 100 universities for academic prestige in the 2013 Times Higher Education global reputation index.

New Chair The NSW government funds the establishment of a Chair in Intellectual Disability and Behaviour Support at UNSW.

Brennan Report The NSW government announces a $20 million preschool for preschools following a landmark report by Professor Deborah Brennan.

Future health leaders In partnership with the health sector, UNSW offers a new workplace-based professional doctorate for emerging leaders in public health.

Global leader Law professor Jane McAdam is named a Young Global Leader by the World Economic Forum.

Repeat performance COFA graduate Del Kathryn Barton wins the Archibald prize for a second time.

April

Built Environment Award-winning architect Professor Alec Tigar is reappointed for a second five-year term as Dean of the Faculty of Built Environment.

Quantum leap In a world-first, UNSW engineers demonstrate a quantum bit based on the nucleus of a single atom in silicon.

Space Masters Launch of Australia’s first Masters program in Satellite Systems Engineering.

Eye care UNSW optometrists show that specially designed contact lenses worn overnight could extend the need for reading glasses in middle age.

Global leader World Council of Optometry awards Professor Brian Holden its highest honour.

Uniken UNSW’s flagship magazine launches interactive app.

May

Bill Gates on campus Philanthropist and Microsoft founder Bill Gates is a special guest at a UNSW-hosted ABC TV Q&A program on global health and development.

UN honour Human rights lawyer Megan Davis is elected in a landslide to a second term on the United Nations Permanent Forum on Indigenous Issues.

Food centre UNSW receives more than $2 million from the ARC to establish a research and training centre to bolster the Australian food industry.

Royal Fellow World leader and pioneer in solar photovoltaic technology, Professor Martin Green is elected into the prestigious Fellowship of the Royal Society.

Diplomatic first UNSW alumnus Damian Miller becomes Australia’s first Indigenous head of an overseas mission.

June

Globaltech UNSW recognised as one of the world’s top science and technology universities with an invitation to join the Global Alliance of Technological Universities.

John Howard Former PM John Howard receives an Honorary Doctorate of Laws – UNSW’s highest honour.

Universitas 21 Vice-Chancellor Professor Fred Hiller appointed Chair of Universitas 21.

Linkage grants UNSW receives $13.2 million in Linkage grants from the Australian Research Council, the highest level of funding in the state and the second highest in the country.

Top 100 Three Professors, including the Dean of Engineering, are named in Engineers Australia’s annual top 100 list recognising the country’s most influential engineers.

July

Minimum cut-off UNSW becomes first university to have a minimum Admission Rank of 80.

HIV landmark A study led by researchers from the Kirby Institute shows how millions of people can access life-saving HIV drug therapy.

Bionic boost Bionic eye researchers at UNSW benefit from an $8 million funding boost from the Australian Research Council.

Physics win Quantum researcher Michelle Simmons is awarded a prestigious Australian Laureate Fellowship and her PhD student Martin Fuechsle receives the Sir Bernard Heinze Award for lifetime dedication to music.

Nura Gili 150 Indigenous high school students from around NSW graduate from Nura Gili’s Winter School Program.

MOOCs UNSW partners with Coursera, the largest provider of MOOCs.

Nuclear first UNSW offers Australia’s only graduate program in nuclear engineering.

August

Academic UNSW achieves a QS Five Star Plus rating for excellence, one of only eight universities in the world to receive the honour.

Mandela tribute Wespac CEO Gail Kelly helps unveil a bust of Nelson Mandela and pays tribute to his inspiring legacy and leadership in the Wallace-Wurth Lecture.

Joint investment UNSW signs a major partnership with China’s prestigious Shanghai Jiao Tong University in research commercialisation and technology transfer.

Good Universities Guide UNSW scores more five-star ratings in the 2014 Good Universities Guide than any other university in Australia.

International student accommodation UNSW announces it will guarantee on-campus accommodation for all of its first-year international undergraduate students.

Start-ups A review shows UNSW leads Australian universities in the number of graduates who have founded technology start-ups.

September

QS World Rankings UNSW is recognised as one of the world’s top universities in the QS World Rankings, with big jumps in both academic and employer reputation.

Suzuki lecture Canadian scientist, environmentalist and broadcaster Dr David Suzuki delivers the Jack Beale Lecture on the Global Environment.

Triple Eureka Research projects on evolution, dingoes, and the battle against HIV/AIDS win three UNSW scientists prestigious Australian Museum Eureka Prizes.

APRU UNSW is elected to the prestigious Association of Pacific Rim Universities network.

Rural clinical schools UNSW Medicine unseats state of the art medical education facilities at the Rural Clinical Schools at the Albion Wodonga and Port Macquarie campuses.

October

PM Prizes Angela Myles and Andrea Morello win two of the Prime Minister’s Prizes for Science – the nation’s most prestigious awards for excellence in science.

Medicine degree Australia’s first undergraduate-entry Doctor of Medicine program offers medical graduates a higher-level qualification and a more globally recognised degree.

Award winner Vice-President, Advancement, Jenrie Lang wins the Distinguished Contribution to International Education Excellence Award.

NHMRC UNSW receives $37 million in NHMRC funding, taking its total to $88 million earmarked for health and medical research to begin in 2014, the most of any institution in the country.

Industry scholarship The prestigious CS-4 group scholarship scheme marks its 25th anniversary.

Refugee law centre UNSW Law launches the Andrew & Renata Kalodor Centre for International Refugee Law, headed by Professor Jane McAdam.

November

Vale Memorial service held for energy pioneer and philanthropist Sir William Tyree.

Individual grants Six Aboriginal women graduate with public health qualifications.

ARC grants UNSW secures more than $54 million in funding for ARC Major Grants and Future Fellowship programs, the highest total in the state.

Philanthropy Frank Loxy talks candidly “in conversation” with David Gonski at a Philanthropy Australia event.

PwC UNSW celebrates 50-year partnership with the Prince of Wales Hospital.

Research recognised UNSW’s Eureka Prize team of researchers who created the world’s first quantum bit based on silicon are awarded the Eureka Prize.

December

Balnaves graduation Dr Andrew Julians becomes the first non-Indigenous medical student to graduate from UNSW on a Balnaves Foundation Scholarship.

Spitfire fellowship Dr Matthew Garratt from UNSW Canberra awarded the 2014 Spitfire Memorial Defence Fellowship to develop cutting-edge guidance system for micro air vehicles.

Austrade award Indian student Uttam Kumar wins a year of free study at UNSW through the global Austrade competition Win Your Future Unlimited.

PM’s award Arts/Law student Sarah Greenbaum wins a Prime Minister’s Australia Asia Award to study in Hong Kong.

Imagine A team of engineering students are awarded a $50,000 Microsoft Imagine Cup grant for an idea that will help charities distribute food more efficiently.

Mature-age entry 25th anniversary of the University’s Preparation Program, which has seen more than 4,000 mature-age students complete the scheme.
South East Light Rail – a vital transport link for UNSW

UNSW is a key destination on the South East Light Rail route, which will extend from Circular Quay, through Sydney’s CBD to UNSW via Central Station.

Light rail is a vital additional transport link for the University – taking thousands of students and staff members off buses and providing a higher capacity and more reliable service. UNSW was instrumental in ensuring the feasibility study to extend the CBD light rail proposal to Randwick became a reality when the project was given the green light in December 2012.

In 2013, the NSW Government recognised UNSW as a lead partner through a Memorandum of Understanding with Transport for NSW. Randwick City Council, the Australian Turf Club, Centennial Park and Moore Park Trust, and the City of Sydney Council have also entered into similar agreements to ensure the light rail takes its first passengers in 2019/2020.

The route map outlines two corridors that run to the University, serving both the upper and lower campus, which is why UNSW is involved in the planning and design of the light rail.

In December the University made a submission to Transport for NSW’s Environment Impact Statement suggesting improvements and refinements to the Government’s preferred plan.
UNSW Council

The University is governed by a Council of 15 members led by the Chancellor under the University of New South Wales Act 1989 ("The Act"). Members represent the interests of the University and the community, contributing expertise in a range of areas, including finance, commercial activities, law, governance and management, and planning and development.

The Council has Finance, Audit, Risk, Nominations and Remuneration, and Honorary Degrees committees.

The Council is able to draw on additional specialised expertise by appointing external members to its committees. Council and Council committee members serve the University on a voluntary basis. Further information on Council, its membership and committees is available on the UNSW website.

Official Members

Chancellor
Mr David M. Gonski AC
BCom, LLB UNSW, FAcad (Life), FCPA

President and Vice-Chancellor
Professor Frederick G. Hilmer AO
LLB Syd, LLM Pennsylvania, MBA Wharton

President, Academic Board
Professor Prem Ramburuth
BA, DipEd South Africa, MEd Sydney, EdD UNSW, Licentiate RAM, London, GradDip TESOL South Australia, MAICD

Ministerial appointments
Mr Brian Long FCA

Ms Jillian S. Segal AM
BA LLB UNSW, LLM Harvard, FAICD

Deputy Chancellor

Elected members
Ms Samantha Bobba
Mr Stefan Heap
BA (Hons) Linguistics UNSW

Professor Rakesh Kumar
MBBS All-India JMS, New Delhi, PHD MD UNSW FRCPA (Hon)

Mr Karl Natschev
Scientia Professor John Piggott BA Syd MSc PhD London
FASSA

Members appointed by Council

Mr Nicholas Carney BCom, LLB UNSW, MAICD

Dr Christine Clifton
MB BS (Hons) BHA UNSW

Mr Terry Davis

Mr Matthew Grounds BCom LLB UNSW

Mr Warwick Negus
BBus UTS, MComm UNSW, SF Fin

Former members
Mr Paul Keighley was a Council member from the beginning of the year and completed his term of office on 2 July 2013.

Academic Board

The Academic Board is the principal academic body of the University. Comprising 53 members, the Board advises the Vice-Chancellor and Council on matters relating to teaching, scholarship and research, and takes decisions on delegation from Council.

Management

The Vice-Chancellor is the principal executive officer of the University and is responsible for the overall direction of corporate planning, budget activities and external relations. Under the Council, the Vice-Chancellor manages and supervises the administrative, financial and other activities of the University.

Reporting to the Vice-Chancellor are an Executive Team, eight Faculty Deans and the Rector of UNSW Canberra, who have significant delegated authority in relation to their areas.

UNSW Foundation Limited Board of Directors

Mr David Gonski AC (Chairman)
Mr Richard Atchock
Mr Robert Hugh Barry
Dr Anthony Berg AM
Mr Robert Cameron AO
Dr Robert Every AO (from June 2013)
Dr Holly Forsyth
Dr Daniel Gachatz
Dr Catherine Harris AO PSM
Professor Frederick Hilmer AO
Professor Mark Hoffman (from February 2013)
Ms Cassandra Kelly
Dr Wallace King AO (Deputy Chair)
Professor Ken Mahor
Ms Christine Mohamme Liddy AO
Dr Peter Mason AM
Mr Bruce Morgan
Mr Warwick Negus
Mr Timothy Olsen
Mr Simon Pidgwin OAM
Mr Julian Reynolds
Ms Jillian Segal AM
Mr Shane Simpson AM
Dr Colin Sutton
Sir Alfred William Tyree OBE (until October 2013)
Mr Albert Yue-Ling Wong
Ms Jennie Lang – CEO
Ms Deborah Samuels – Company Secretary

Governance

Strong and effective governance and management have set clear strategic goals for the University, underpinning our success and positioning us into the future.
Leadership

Executive Team (as at 31 December 2013)

President and Vice-Chancellor
Professor Frederick G. Hilmer AO
LLB, LLM Pennsylvania, MBA
Wharton, FCPA

Vice-President and Deputy Vice-Chancellor (Academic)
Professor Iain Martin
MBChB(Hons), MD, MD Leeds

Vice-President and Deputy Vice-Chancellor (Research)
Professor Lee Field AM
BSc, PhD, DSc, Syd, FAAA, FRACI

President, Academic Board
Professor Prem Ramburuth
BA, DipEd South Africa, MEd Sydney, EdD UNSW, Licentiate RAM, London, GradDipEd, TESOL South Australia, MAICD

Vice-President, Finance and Operations
Mr Jonathan Blakeman
BCom, Dip (LGA) Auckland, MPP, CA, CA ANZ

Vice-President, Advancement
Ms Jennie Lang
BA (Dist), MED N’Cte NSW

Vice-President, University Services
Mr Neil Morris
BA N’Cte NSW, TGM INSEAD

Dean, Faculty of Law
Professor David Dixon
BA Camb, BPhil HAV, PhD Wales

Dean, Faculty of Science
Professor Merlin Crossley
BSc (Hons) Med, DB Phil Dixon

Senior Officers

Pro-Vice-Chancellor (Research)
Professor Mark Hoffman
BMedEng (Hons), PhD Sydney, MBT UNSW

Pro-Vice-Chancellor (Research Training)
Professor Laura Poole-Warren
BSc (Hons), PhD UNSW

Pro-Vice-Chancellor (Students)
Professor Wai Fong Chua AM
BA (Hons) PhD Sheffield, FCPA, FCA, GAICD

Pro-Vice-Chancellor (International)
Ms Fiona Docherty
MA (Hons) Glasgow

Vice-Chancellor’s Advisory Committee

The key advisory body for the Vice-Chancellor meets fortnightly and comprises the Executive Team, Deans and Senior Officers.

Deans

Faculty of Arts and Social Sciences
Professor James Donald
MA Oxon, PGCE DipEd MSc London, PhD Open University FAAA

Faculty of Built Environment
Professor Alec Tzannes
BSc (Arch) BArch Syd, MSc Columbia, Hon. AIA, Hon. MRAIC, Hon. FNZIA, LFRAIA, FAIB

Australian School of Business
Professor Geoffrey Garrett
BA (hons) ANU, MA, PhD Duke

Faculty of Engineering
Professor Graham Davies
BSc PhD DSc Wales, CEng, FIET, FIInstP, FIMM, FIE Aust, FIEEE, FETSE

College of Fine Arts
Professor Ross Harley
BA (Hons) Griffith, MA, Doctor Creative Arts UTAS

Faculty of Law
Professor David Dixon
BA Camb, BPhil HAV, PhD Wales

Faculty of Medicine
Professor Peter Smith
RFD MD Oxon, FRACP, FIE Aust, FAICD

Faculty of Science
Professor Merlin Crossley
BSc (Hons) Med, DB Phil Dixon

UNSW Canberra
Professor Michael Frater (Rector)
BSc BE SYD, MHED UNSW, PhD ANU, MIEE, FIE Aust

Dean of Graduate Research
Professor Laura Poole-Warren
BSc (Hons), PhD UNSW

Organisational Chart
(as at 31 December 2013)
2013 highlights include:

Research excellence

- We received $13.2m in ARC Linkage Project grants, the highest level of funding in the state and the second highest in the country.
- We placed 1st in NSW and 3rd in the Go8 in total new ARC funding across all schemes, with $37m in new funding for 104 projects.
- We were one of only eight universities in the world to achieve a Q2 Five Star Plus rating. UNSW scored the maximum five-star rating for 12 key performance indicators in the 2014 Good Universities Guide, more than any other university in Australia.

Research funding

- We were ranked 1st in the Go8 in NHMRC funding announced in November 2013 and will receive $331m.
- Our total Category 1 Research income (Australian Competitive Research Grants) increased by 19% from $125m to $148m, the largest increase across the Go8.
- Our total Category 2 research income (other public sector research income) increased by 9% from $105m in 2011 to $114m in 2012.

Research centres

- We launched the first research centre specialising in international refugee law, the Andrew & Renata Kaldor Centre for International Refugee Law, headed by Professor Jane McAdam.
- Two new Centres of Research Excellence (CRE) will target pressing mental health issues. The CRE in Suicide Prevention is led by UNSW Professor Helen Christensen, Executive Director of the Black Dog Institute. The CRE in Mental Health and Substance Abuse is led by Professor Maree Teesson from the National Drug and Alcohol Research Centre.

Higher degree research

- Our total HERDC research income for 2012 increased by $35m (12%) over the previous year – from $296m to $331m.
- Our total Category 1 Research income (Australian Competitive Research Grants) increased by 19% from $125m to $148m, the largest increase across the Go8.
- Our total Category 2 research income (other public sector research income) increased by 9% from $105m in 2011 to $114m in 2012.
- New research facilities underway include the upper campus Analytical Centre biomedical research facilities, to be fully operational by December 2014. We are planning for the growth of existing bioanalytical facilities and the possible addition of a new facility.
- The Solar Industrial Research Facility for solar cell research and development, the first of its kind in Australia, is now operating.
- Higher degree research completions were significantly higher than the Go8 average. Average time to completion for PhDs continues to improve - in 2012 it was four years for domestic candidates and 3.7 years for international candidates.

Research outputs

- We scored highly in the International Student Barometer survey, with 91% satisfaction. Domestic scholarship applications (high quality applicants) increased by 22% in 2013, and international applications increased by 18%.
- Our research publications increased by 9% to 4,918 in 2012. There was an increase in books, book chapters and journal articles (2%, 15% and 11% respectively).

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Ethics

- UNSW established the Research Ethics & Compliance Support Office to bring together the committee compliance functions of animal ethics, human ethics, BioSafety and radiation safety under one unit.

Collaboration and partnerships

- We were elected to the prestigious Association of Pacific Rim Universities network (APRU), joining other leading research-intensive universities in the Asia-Pacific region including Stanford, UCLA, University of Hong Kong, University of Tokyo, National University of Singapore and Seoul National University.
- We cemented a joint commitment with Shanghai Jiao Tong University to develop a comprehensive partnership focused on increased research collaboration. We are making progress on the development of a flagship joint training program in advanced manufacturing engineering with the prestigious Xian Jiaotong University, and have progressed negotiations with the China Scholarship Council to secure a 50% increase in the number of PhD candidates under this flagship research partnership.

Intellectual property

- NewSouth Innovations (NSi) executed 19 Easy Access IP licences across 27 technologies. It also commenced a $5m research program with a major financial services company on quantum computing.
- The current IP portfolio consists of about 146 patent families, with more than 50 revenue-generating licences. There are currently 4 active spin-off companies developing technology that originated at UNSW.
Innovative research and teaching combined with strong international and industry links give our graduates a competitive edge.

2013 highlights include:

**Enrolments**
- We exceeded all enrolment targets, attracting the highest number of Top 500 school leavers, with 244 of the top cohort across NSW and ACT listing UNSW as their first preference.
- The median ATAR of school leavers offered a place in the main round at UNSW in 2013 was 91.95, the highest in NSW.
- UNSW announced a new entry standard for its undergraduate degrees, becoming the first university to apply a minimum admission rank of 80.
- As a destination of choice for students with the highest potential, irrespective of background, we increased recruitment and retention of low-SES students. 2013 saw a 20% increase in scholarship applications.

**Global focus**
- About 20% of graduating students have had some international experience as part of their degree. In 2013, 698 UNSW students embarked on 871 outbound semester exchange placements, while more than 1,500 students participated in international internships, summer school, study tours, exchange and volunteer abroad opportunities.
- We collaborated with key partner institutions such as the Universitas 21, SEAP, GlobalTech and China 9 networks to increase our capacity for student mobility overseas.

**New programs**
- A number of new programs, dual degree combinations and majors were introduced in 2013. The full list is available on the University's website.

**International students**
- We welcomed 5,793 commencing international students, we accepted the Gao Kao, the Chinese High School qualification, setting the entry standard on par with Chinese institutions.
- UNSW Foundation Studies' enrolments grew by about 20% to 1,197 and are expected to contribute more than 600 international undergraduate students to UNSW in 2014.

**Scholarships**
- As a result of a more streamlined scholarship website, there was an 88% increase in scholarship applications from high-school leavers for 2014.
- In 2013, we offered 46 Scientia scholarships to high-achieving students. We also increased our equity scholarship program, offering 10 UAC equity scholarships.
- 21 Ben Lexcen Scholarships were awarded, including to national champions in sports such as sailing, taekwondo and snowsports. Three scholars represented Australia at the World University Summer and Winter Games and two were selected to represent Australia in the 2014 Sochi Winter Olympics.
- The first Indigenous medical student supported by a Balnaves Foundation Scholarship received his degree.
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**Accommodation**
- With the addition of five new residential colleges, there are now 381 on-campus beds available for UNSW students, including in affiliated colleges and UNSW-run off-campus apartments. This is a doubling of capacity in just four years.
- In 2013, we announced an accommodation guarantee for all first-year international undergraduate students commencing studies in 2014.

**Student support**
- Peer Mentoring@UNSW and Counselling and Psychological Services counsellors trained more than 700 mentors for commencing students in 2013 across 24 different mentoring programs.
- Enrolment in the co-curricular UNSW Leadership Program grew to more than 1,080 students and attendances at workshops increased by 220%. The program emphasises socially responsible community leadership, with students having contributed more than 1,400 volunteer hours to community partners.

**MOOCs**
- UNSW joined some of the world’s best universities in partnering with Coursera, the largest provider of Massive Open Online Courses (MOOCs). We commenced development of the University’s first MOOCs, including System Engineering, for delivery starting in April 2014.

**Digital teaching innovation**
- Two UNSW academics were awarded prestigious national learning and teaching grants to develop innovative digital teaching platforms. Associate Professor Gangadhar Prusty is developing a virtual workshop for engineering and design students and Associate Professor Sidney Newton is working on a virtual reality simulator for construction management and architecture students.
Fundraising

2013 highlights include:

- Successful fundraising saw the UNSW Foundation receive more than $30.9 million in 2013, an increase of 63% year-on-year.
- Construction started on a new centre at UNSW designed to position Sydney as a major innovation hub in the Asia-Pacific.
- The Defence Science and Technology Organisation (DSTO) is supporting four scholarships in 2013 and 2014 for female students studying Science and Engineering. The undergraduate scholarships are valued at $40,000 over four years for each recipient, who will also have access to a mentor provided by DSTO.
- Alumni events took place worldwide, with successful meetings across Asia as well as in the US and France.
- UNSW is establishing the Global Circle of Friends of UNSW Australia, aiming to significantly increase performance in philanthropy and expand the circle of friends and supporters. The Global Circle will include the UNSW Foundation Ltd, UNSW Foundation Hong Kong, UNSW Foundation in the US and the UK Friends of UNSW Australia.
- Chief of Defence General David Hurley BA (Av) ’75 was among a stand-out group of recipients to be honoured at the 2013 Alumni Awards dinner. Other winners included founders of software company Atlassian, Michael Cannon-Brookes BSc’02 (Business & Information Technology) and Scott Farquhar BSc’02 (Business & Information Technology); and a Posthumous Award to Dr Robert Maple-Brown BCom’65 HonBus’08.
- UNSW hosted a special ABC TV Q&A program on global health and development, featuring Microsoft founder and philanthropist Bill Gates. Mr Gates, co-chair of the Bill & Melinda Gates Foundation, answered questions on topics ranging from philanthropy, tax and aid to technology and being an introvert in business. He predicted polio could be stamped out by 2018 with an investment of $5.5 billion.

Community outreach

- A series of flagship events for the community included: a special Q&A with Bill Gates, broadcast to more than 1 million viewers on ABC TV; the Ghandi Oration delivered by former High Court Justice Michael Kirby; and the second Australia and China Climate Change Forum.
- Westpac CEO Gail Kelly helped unveil a bust of Nelson Mandela and made tribute to his inspiring legacy and leadership in the 2013 Wallace Wurth Lecture.
- UNSW hosted a Philanthropy Australia event – Mr Frank Lowy ‘In conversation’ with Chancellor David Gonski.
- India’s Education Minister Mr Pallam Raju visited UNSW and called for stronger research partnerships between university sectors.
- We were the only university to participate in the NSW Premiers’ mission to India, showcasing our ‘green steel’ technology and the research of Scientia Professor Veena Sahajwalla.
- UNSW Vice-President Advancement, Jennie Lang, won an Honorary degree to the community, including former PM John Howard.

Social and digital media

- UNSW continues to be a leader in the use of social media. Our Facebook page was ranked number 1 in the 2013 Social Pulse Awards for the highest number of followers in the education sector and the highest rate of engagement. There was also increased engagement with UNSW’s Twitter, LinkedIn and Google+ profiles. UNSW also established a new Instagram account in October 2013.
- UNSW is a leader in the use of digital media to promote its reputation. UNSW’s YouTube channel is Australia’s top educational channel, consistently ranking in the top 15 educational channels in the world. To showcase the work of our innovative students, we will be launching a series of short videos in 2014 featuring start-up ideas ranging from a food charity app to cycling safety.

Honorary degrees

- In 2013, we awarded eight honorary degrees to outstanding members of the community in recognition of their significant achievements. Recipients were: Daniel Petro (Hon.DBus), Robert Meyer (Hon.DLLR), The Hon. John Howard (Hon.LLD), Vincent Lo (Hon.DBus), Sir Ralph Norris (Hon.DBus), Sir Michaelapper (Hon.DSc), Peter Ritchie (Hon.DBus) and Richard Tognetti (Hon.DMus).
2013 highlights include:

Campus transformation

- The Kensington Colleges Redevelopment and Expansion: This 950-bed on-campus student accommodation project was completed under budget and on time with quality outcomes. It comprises replacement buildings for Basser, Goldstein, and Baxter Colleges, in addition to a new fourth college, to be known as Fig Tree Hall, and a Seniors Hall – Colombo House.
- Wallace Wurth Building Redevelopment and Expansion: Construction of Stages 2 and 3 is progressing well. All areas will be fully occupied by June 2014.
- Gateway@COFA: Final defect rectification is progressing with the official opening scheduled for late 2014. The Arc space and art shop have been completed and the cafe fit-out is underway.
- Materials Science and Engineering Building: Construction is well advanced on this new building, which will also house the Michael Crouch Innovation Centre.
- Mechanical and Manufacturing Engineering Precinct Development: The project team has proceeded well into design finalisation and implementation with construction commencing in early 2014.
- Australian Advanced Treatment Centre: Excavation for Stage 1 is complete and tendering for Stage 2 is to commence in early 2014. The Project is scheduled for completion by mid-2016.
- Port Macquarie Joint Health Education Facility: Following a sod turning in late 2013, commencement of construction began in late January 2014, with practical completion by December 2014. The project is tracking to the set program and budget.
- Biomedical Renewal Project: This project will be delivered in two phases – an Enabling Works phase and the Main Works phase. Construction is expected to be completed by December 2016.

Facilities

- Investment and upgrading of teaching infrastructure has included digital AV upgrades in 27 central teaching rooms and extensive refurbishment of learning environments in Old Main, the Science Theatre, Level 1 of Mathews, Central Lecture Block and the Mathews Theatres. Three new lecture theatres and seminar rooms called the Fig Tree Theatres will open in 2014.
- We increased the number of wireless stations on campus from 1,800 to 3,500 and tripled the speed of the wireless network.

New IT systems

- In 2013, we successfully implemented a new student management system as well as introducing a new learning management system – Moodle.

Retail

- A significant number of new retail outlets on campus include IGA, Max Brenner, Guzman y Gomez, Coco Cubano, Moochi, Mamak Village, Yummba Vegetarian, Stellini Pasta Bar, Sharetea, Physiotherapy and Sport Medicine Clinic, Subway, Boost Juice and WH Smith.

UNSW now has almost 3,000 student beds on or around campus with the addition of 1,300 new beds in the past year. The Kensington Colleges Redevelopment project has seen the unveiling of five new residential colleges, which set a benchmark for student accommodation in Australia. Facilities include student lounges, free WiFi throughout, and roof gardens with spectacular views. UNSW can now guarantee accommodation to all commencing first-year international undergraduates.

Leadership

- Women leaders supported through new development program for professional staff
- There was a significant reduction in total workers compensation claims down from 98 in 2012 to 54 in 2013. Highlights include a 56% reduction of the manual handling claims rate for 2013 compared to the average over the past nine years and the repetitive motion claims rate reducing by 70%.
- UNSW maintained its Self-Insurers Licence, passing a WorkCover Self Insurers Audit achieving a score of 84% in the latest promotion round for Professor successes.
- The number of wireless stations on campus and a tripling of network speed
- Fewer workplace injuries and more health and safety training
- The University commenced implementation of a new Enterprise Data Warehouse, which will provide better identification and understanding of diversity patterns. A full list of employment equity and diversity programs is available on the HR website.
- Engineering created a Women in Engineering manager position to support the Faculty’s goal of increasing the proportion of female student enrolments to 25% by 2020.
- There was a significant reduction in total workers compensation claims down from 98 in 2012 to 54 in 2013. Highlights include a 56% reduction of the manual handling claims rate for 2013 compared to the average over the past nine years and the repetitive motion claims rate reducing by 70%.
- UNSW maintained its Self-Insurers Licence, passing a WorkCover Self Insurers Audit achieving a score of 84% in Management Responsibility and 83% in Risk Management.
- UNSW campuses will be entirely smoke-free after an unanimous resolution of the University’s Level 1 Health, Safety and Environment Committee in November 2013. The new smoke free environment policy will take effect from May 31 2014, which is World No Tobacco Day.

By continually improving our leadership and operational capabilities and maximising the availability of resources where they are needed most, we are able to ensure the best possible environment for learning, teaching and research.
Major research and teaching prizes awarded in 2013 include:

Order of Australia (AO)
Prof Robert Clark, Faculty of Engineering

Member of the Order of Australia (AM)
Prof Anne Simmons, School of Mechanical and Manufacturing Engineering
Prof Robyn Ward, Prince of Wales Clinical School

Prime Minister's Prizes for Science
Frank Fenner Prize for Life Scientist of the Year
A/Prof Angela Moles, School of Biological, Earth and Environmental Sciences

Malcolm McIntosh Prize for Physical Scientist of the Year
A/Prof Andrea Morello, School of Electrical Engineering and Telecommunications & ARC Centre of Excellence for Quantum Computation and Communication Technology

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A/Prof Andrea Morello, School of Electrical Engineering and Telecommunications & ARC Centre of Excellence for Quantum Computation and Communication Technology

Eureka Prizes
The Australian Government Eureka Prize for Promoting Understanding of Australian Science Research
Prof Rob Brooks, School of Biological, Earth and Environmental Sciences

3M Eureka Prize for Emerging Leader in Science
A/Prof David Wilson, Kirby Institute

NSW Office of Environment and Heritage Eureka Prize for Environmental Research
Dr Michael Latzic, School of Biological, Earth and Environmental Sciences (with Prof Chris Johnson, University of Tasmania; Dr Euan Ritchie, Deakin University; Dr Arian Wallach, James Cook University; and Adam O’Neill, Evelyn Downs Station)

NSW Science & Engineering Awards
Excellence in biological sciences (cell and molecular, medical, veterinary and genetics)
Prof Katharina gala, Centre for Vascular Research

Emerging research
Scien Prof Justin Gooding, School of Chemistry

Excellence in engineering and information and communications technologies
Prof Martina Stenzel, School of Chemical Engineering

Excellence in mathematics, earth sciences, chemistry and physics
Prof John Webb, School of Physics

NSW Young Tall Poppy Science Awards
Dr Julian Berengut, School of Physics
Dr Jessica Grahham, School of Psychology
Dr Sarah Perkins, ARC Centre of Excellence for Climate System Science & UNSW Climate Change Research Centre
Dr Neeraj Sharma, School of Chemistry

ARC Australian Laureate Fellowship
Scientia Prof Michelle Simmons, ARC Centre of Excellence for Quantum Computation and Communication Technology

Fellowship of the Australian Academy of Technological Sciences and Engineering
Prof Graham Davies, Faculty of Engineering
Prof Maria Sklyas-Kazacos, School of Chemical Engineering

Fellowship of the Royal Society
Scientia Prof Martin Green, Centre for Advanced Photovoltaics

Distinguished Member of the American Society of Civil Engineers
Scientia Prof Mark Bradford, School of Civil & Environmental Engineering

Australian Academy of Science Dorothy Hill Award
Dr Lisa Alexander, Climate Change Research Centre

TEACHING HONOURS
Office of Learning & Teaching
Citations for Outstanding Contributions to Student Learning
Dr Tania Bucic, School of Marketing
A/Prof Alistair Poore, School of Biological, Earth and Environmental Sciences
Mrs Judith Watson, Australian School of Business

2013 Australian ICT Educator of the Year
A/Prof Richard Buckland, School of Computer Science and Engineering

Vice-Chancellor’s Awards for Teaching Excellence
General Category
Dr Kar Ming Chong, School of Accounting
Dr Ricardo Flores, School of Management
Dr Alexandra George, School of Law
Dr Stewart Head, School of Medical Sciences
A/Prof Mina Roces, School of Humanities and Languages
A/Prof Norman Wildberger, School of Mathematics and Statistics

Postgraduate Research Supervision
Prof Jeffrey Braithwaite, Australian Institute of Health Innovation
A/Prof John Stinta, School of Chemistry

Sessional Teaching
Mr Nicholas Fewster-Young, School of Physics

Initiatives that Enhance Learning
Mr Robert Tumarkin, School of Banking and Finance

Learning and Teaching Technologies
Dr Loretti Dobrescu and Dr Alberto Motta, School of Economics

The Heinz Harant Award
Dr Loretti Dobrescu and Dr Alberto Motta, School of Economics