Macquarie University is committed to being a leader in research. The University’s goal is to open students’ minds to the challenges of research and life-long enquiry. This investment will not only contribute to the future through further development of Macquarie’s areas of research excellence – it will also enhance the quality of the educational experience for Macquarie students.

The University is also extending its strategic scholarship program to enable potential researchers of excellence to undertake their doctoral studies at Macquarie.

World-leading research is undertaken by Macquarie’s faculty and students, and many discoveries are quickly applied to meet the needs of industry, society and the environment.

- Macquarie pioneered the field of ‘Proteomics’ (a Macquarie researcher, Marc Wilkins, even coined the term itself), identifying a biotechnology that is now one of the world’s key technologies focused on breakthroughs in gene research.
- Recent partnerships with industry for research purposes include the Australian School of Advanced Medicine, the first medical school to award degrees for subspecialties in surgery. It will include a six-storey private teaching hospital, scheduled to open in 2010.
- The National Centre for Hearing Teaching and Research, a partnership with Cochlear Ltd, will bring a new international corporate and high-tech manufacturing facility onto the Macquarie campus by 2010. This relationship will form a platform to extend existing Macquarie University research and teaching in Audiology, Computing, Electrical Engineering and Cognitive Science.

At Macquarie, we strongly believe that excellent researchers make excellent teachers. The University actively supports innovative teaching practices within the University, with an annual award to support teaching and learning initiatives. In 2008, Macquarie staff won seven citations for their contribution to teaching and learning in the Australian Learning and Teaching Council awards. Dr Marnie Hughes-Warrington also received the prestigious Prime Minister’s University Teacher of the Year award.

Did you know?

Macquarie has more than 340 classrooms, 300 laboratories and 20 lecture theatres, as well as an on-campus greenhouse.

www.research.mq.edu.au
The University has 17 Concentrations of Research Excellence facilitating groundbreaking work in the areas of:

- Ancient Cultures
- Animal Behaviour
- Astronomy and Astrophysics
- Biomolecular Frontiers
- Climate Risk
- Cognitive Science
- Earth and Planetary Evolution
- Ecology and Evolution
- Emotional Health
- Financial Risk
- Language Sciences
- Lasers and Photonics
- Legal Governance
- Neuroscience, Vascular Sciences and Surgery
- Quantum Information Science and Security
- Social, Cultural and Political Change
- Social Inclusion
- Wireless Communications

Erla Hafsteinsdottir, Iceland
Higher Degree Research student investigating the stabilisation of dangerous metals in Antarctica

“We are trying to use the methods that have been developed for temperate environments, like Australia, in areas of freezing ground like Antarctica, Canada or Alaska, and possibly Iceland. I’m really happy being here and doing this work because in Iceland, the university is a lot smaller and we don’t have all the equipment that we have at Macquarie. I’m learning a lot more about the industry here through my supervisor and by going to conferences.”
Macquarie University is committed to providing graduates with the skills to succeed in their chosen careers. With contemporary subjects, professionally-accredited qualifications and an enviable location in Australia’s premier high-technology precinct, it’s not surprising that Macquarie graduates are highly sought-after. For more than a decade their starting salaries have been ranked among the highest in Australia (The Good Universities Guide 1998–2009). Macquarie’s graduates go on to be leaders in their field – from law and education, to politics, business and finance, and even children’s entertainment!

Macquarie was the first university in Australia to establish a privately-funded Research and Development park on campus. Senior executives from companies such as Nortel Networks are members of Macquarie’s teaching staff, providing students with valuable insight into the real-life applications of their coursework. The headquarters of numerous multinational companies are located within a five kilometre radius of the campus, including:

- Microsoft
- Optus (owned by SingTel)
- AWA
- Canon
- Fujitsu
- Honeywell
- Oracle
- Philips
- Sony

Course content at Macquarie is constantly being refined and developed, and many courses have been developed in line with industry needs and feedback. For more information on professionally-accredited programs, see the Faculty pages 24 to 31.

## Internships

Gaining work experience overseas is one of the most valuable experiences you can have on your resume. More Macquarie students obtain an international work experience placement than students at any other Australian university.

- The Internships program at Macquarie offers students the opportunity to undertake an unpaid internship during the course of their degree.
- The Macquarie program is unique in its multidisciplinary quality, meaning that internships are available to any student from any area of study.

www.international.mq.edu.au/enhance/internships

### Sam Ferraro, Australia

Master of Applied Finance graduate, Director of Quantitative Research at Goldman Sachs JBWere in Melbourne.

“A real draw-card was the fact that most of the lecturers had been practitioners. They offered a very practically-based perspective on the markets as well as an academic view.”

Build in your career.

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NOTABLE GRADUATES
Professor Ian Ramsey
(Law 1983)
The youngest law professor in Australia
Senator John Faulkner
(Arts and Education 1977)
Prominent Australian politician
Liz Ellis
(Law 1997)
Australian netball captain
Tim Besley
(Legal Studies 1984)
Chair of the board of the
Commonwealth Bank and former
chancellor of Macquarie University
Jeff McMullen
(Arts 1972)
Sixty Minutes reporter and journalist
Hugh Riminton
(Master of Arts 2001)
CNN TODAY presenter, based in Hong Kong
Greg Page
(Early Childhood Education 1993)
Murray Cook
(Early Childhood Education 1991)
Anthony Field
(Early Childhood Education 1991)
The three founding members of The
Wiggles. The Wiggles are Australia’s richest
entertainers, topping BRW’s annual Top 50
Entertainers list for the past three years.
Adam Hills
(Bachelor of Arts in Communication 1991)
Chris Lilley
(Bachelor of Arts with Diploma of
Education 1997)
Both are leading comedians, writers
and television personalities
Catherine Livingstone
(Bachelor of Arts with Honours 1976)
International business leader
Napoleon Perdis
(Bachelor of Arts 1990)
International premium cosmetics
brand owner
John Alexander
(Bachelor of Arts 1974)
Executive Chairman of PBL Media

Did you know?
Macquarie University
has more than 100,000
graduates worldwide, from
over 100 countries.

Pooyan Asgari, Iran
Master of Information Technology graduate, software
developer for Card Access Services, a leading company in
secure transaction solutions.
“I realised at the beginning of the advanced internet
programming course that we were working with the
most cutting-edge technology available at the time.
I really admired my lecturer for pushing us to work
with technology that had just been released.”
Macquarie graduates distinguish themselves by not only being work-ready; but also life-ready. Build your leadership, communication and life skills through a range of unique programs at Macquarie.

**JOIN THE MACQUARIE GLOBAL LEADERSHIP PROGRAM (GLP)**
Macquarie’s Postgraduate Global Leadership Program (PG GLP), will equip you with the leadership potential, professional skills and international experiences to pursue a truly international career. Macquarie’s PG GLP has been designed so that you not only learn global skills and understanding – you put them into practice by studying, volunteering and participating in internships.

As part of Macquarie’s commitment to internationalisation, students can participate in the PG GLP free of charge. Successful completion of the GLP is officially recognised in your academic transcript and provides a competitive edge in the global employment market.

www.international.mq.edu.au/GLP

You may also take part as a delegate in Macquarie’s Global Leadership Symposium Series and travel with other delegates to a region of the world, enjoying cultural and regional insights.

www.international.mq.edu.au/glss

**ENHANCE YOUR INTERNATIONAL EXPERTISE**
Macquarie University has one of the most extensive and generous international exchange programs of any Australian university. With over 250 universities from more than 60 countries to choose from, you can study overseas for a few weeks during vacation periods, a semester or a year. Most importantly, Macquarie University helps support all of our students financially when they travel so everyone has the opportunity to internationally enhance their degree.

www.international.mq.edu.au/goingabroad

**ENHANCE YOUR COMMUNITY SPIRIT**
Macquarie has a wide range of volunteer programs for students that operate overseas. The programs are designed to stretch and challenge you beyond your comfort zone and profoundly broaden your university experience. Volunteer programs range from working with street youth in Vietnam to providing business support for artisans and teaching English to children in Mexico.

www.international.mq.edu.au/volunteer/abroad

**Did you know?**
Macquarie has the most generous travel grant scheme in Australia.

**Patrick Wassenaar, the Netherlands**
Master of Commerce in Marketing

“I volunteered on a project in Mexico which required business and marketing skills. I could really use the skills that I’ve learnt at Macquarie to improve the standard of living for this local community.”