



School of Mathematics and Statistics Leader in Research and Teaching

Never Stand Still

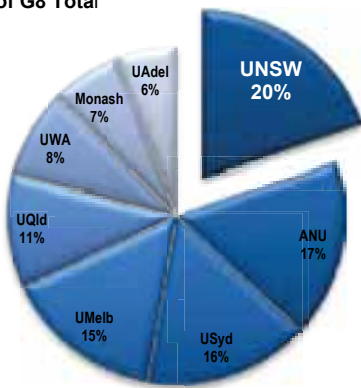
Faculty of Science

School of Mathematics and Statistics

Most Prolific

The School contributed more papers to the Web of Science® category Mathematics – in both the last 5 and 10 year periods – than any other in Australia.

Web of Science Documents
% of G8 Total



Source: SCIE 1899-2012, Web of Science® v5.5, accessed 24 February 2012, isiknowledge.com; InCites TM, Thomson Reuters (2011), UNSW School of Maths & Stats analysis.

"Above World Standard"

Highlighting the breadth of our research, the School was one of only three Australian universities to be assessed over all five ERA Field of Research sub-codes that classify research in the mathematical sciences. We achieved the overall assessment "Above World Standard".

Top Students Choose Us

Advanced Mathematics program experiences phenomenal growth. Details on our website.

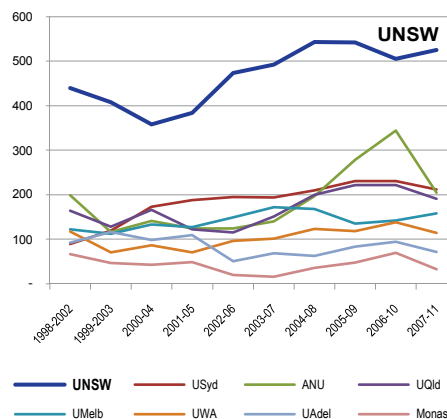
Graduates Rate Us Number One

We're the only mathematical sciences school to win a maximum rating for both Teaching Quality and Overall Satisfaction in Australia's only degree and university performance ratings, *The Good Universities Guide for 2012*. Follow links from www.maths.unsw.edu to see what some of our graduates are doing now.

Most Cited

The School has more citations than any other Australian mathematical sciences school – in both the last 5 years cumulative and the decade 2001-11 – in the Web of Science® subcategory Applied Mathematics.

Citations Applied Mathematics

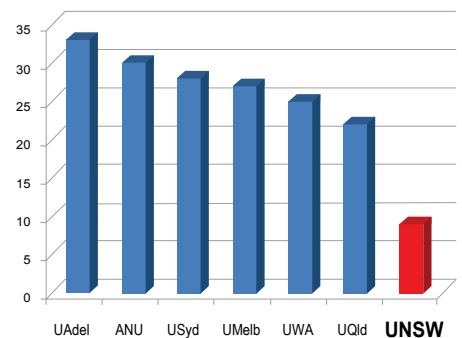


Source: SCIE 1899-2012, Web of Science® v5.5, accessed 24 February 2012, isiknowledge.com; InCites TM, Thomson Reuters (2011), UNSW School of Maths & Stats analysis.

Graduates Have Highest Salaries, Lowest Unemployment

The School's graduates' starting salaries are Australia's highest: 8% higher than average and over 5% higher than the University of Sydney at number two. We also have the lowest percentage of graduates still unemployed 4 months after graduation.

% Maths Grads Seeking Work



Source: <http://gooduniguide.com.au/ratings/fos/23/UG>

Most-Read HIV Article on Medscape for 2011

see www.maths.unsw.edu.au/news/2012-02 for details.

International Medal Winning Quality

School members continue to win world-class awards. Turn the page for 2011 and 2012 achievements.



Turn page for more success stories

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First to Partner Google's YouTube

Dr Christopher Tisdell and Associate Professor Norman Wildberger are the only Australian academics to win the honour from Google of being appointed YouTube Partners in Education and amongst only a handful of academics worldwide using YouTube as a teaching resource. Use their YouTube links at www.maths.unsw.edu to learn some mathematics the fun way.



First with Facebook

The School is the first of the Australian Group of 8 mathematical sciences schools to have its own dedicated Facebook page, www.facebook.com/mathematics.statistics.unsw

Charles Qin, BCom-Actuarial Studies, BSC (1st Class Honours and University Medal) - Pure Maths, Stats.

“ Without any hesitation, a maths and stats degree from UNSW has made a significant difference to my career and life...I owe a lot to [its] well-structured program and most friendly and supportive academic staff. ”

Using Innovation to Foster New Talent

The School is committed to encouraging and developing the minds of the future, so dedicates resources to running a number of innovative programs. Our annual School Mathematics Competition turned 50 in 2011. The competition has served as one of the selectors for the Australian team in the International Mathematical Olympiad, with some of our winners receiving Olympiad medals.

The School's most recent Girls Do the Maths Workshop attracted a record number of participants and has been running for almost a decade. We also support Nura Gili, striving to enrol and graduate Australian Indigenous students. Details on these and other ways we invest in the future are at www.maths.unsw.edu.au/highschool/high-school



Teaming with the Best to Advise Industry and Government

The School collaborates extensively with the best mathematicians worldwide to solve critical issues facing industry and government. See some examples at www.maths.unsw.edu.au/Researchor/Industry

\$3.4 million of ARC Discovery Projects Awarded in 2012 Round

We received more Discovery Project funding – in the OI Mathematical Sciences code – than any other school of mathematical sciences. Our success rate was 50%, compared to the EMI panel success rate of only 21%. In addition to grants awarded directly to us, School academics were part of five Discovery and Linkage grants awarded to other Universities.

Relative to total UNSW submissions, the School won a staggering third of those received by the Faculty of Science and 10% of the UNSW total. See www.maths.unsw.edu.au/research/current-and-past-grants

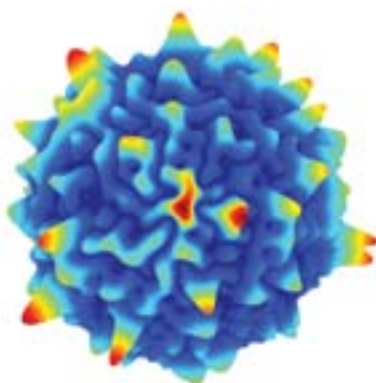
Highest Impact Mathematical Sciences School in NSW

The School was the most cited mathematical sciences school in NSW, with the highest number of citations and citations per paper in the Web of Science category, Mathematics.

Source: SCIE 1899-2012, Web of Science® v5.5, accessed 24 February 2012, isiknowledge.com; UNSW School of Mathematics and Statistics analysis.

Like the Images on This?

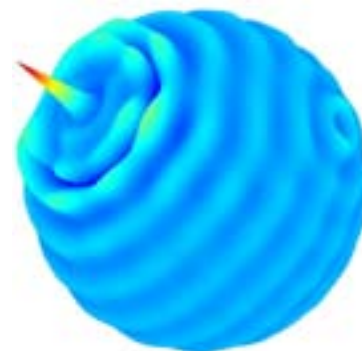
They are taken from our recent research: the background contour map from the School's Dr Johann Brauchart and Dr Josef Dick with international collaborators; the spheres from the School's Associate Professor Rob Womersley and other members of the Computational Mathematics Group, with international collaborators.



Most Citations in ERA Sub-codes

We have the highest number of citations in the subcategories O102 Applied Maths and O103 Numerical and Computational Maths for the latest available 5 year and 10 year data sets.

Source: InCites TM, Thomson Reuters (2011)



Award Winning Research

2012 Christopher Heyde Medal

Dr Josef Dick: Australian Academy of Science's Christopher Heyde Medal for work in numerical integration.

2012 DORA Fellowship

Professor Fedor Sukochev: Discovery Outstanding Researcher Award fellowship for his work in non commutative probability and analysis.

2012 DECRA Fellowship

Dr David Harvey: Discovery Early Career Researcher Award fellowship for his work in Computational Number Theory.

2011 JH Michell Medal

Dr Frances Kuo: ANZIAM Michell Medal for distinguished research in applied mathematics.

2011 Moran Medal

Dr Scott Sisson: Australian Academy of Science's Moran Medal for work in computational statistics and extreme value modeling.

2011 Hannan Medal

Emeritus Professor Colin Rogers: Australian Academy of Science's Hannan Medal for work on nonlinear mathematical systems relevant to complex physical processes.

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