

# Summer Scholars Program



NICTA funds scholarship opportunities in a variety of Summer or Vacation programs offered through our partner Universities. The Summer Scholars Program offers eligible students the opportunity to spend 8 to 12 weeks over the summer at one of our five labs in Sydney, Melbourne, Brisbane and Canberra.

Established in 2004, the Summer Scholars Program is intended to encourage high calibre undergraduates to explore the potential for a career in Information and Communication Technology (ICT) research. Summer Scholars are exposed to the professional research resources and facilities at NICTA via this nationally recognised program.

The two principal elements of the Summer Scholars Program are:

1. A research project is prepared and completed by each scholar, including the submission of an individual technical report, under the supervision of a NICTA researcher who assumes the role of mentor for the summer. In some of NICTA's labs, scholars participate in a poster session where they share the results of their projects and ultimately compete for the Best Summer Scholar Prize.
2. Scholars from all of NICTA's laboratories attend a Summer Scholars Showcase.

The research period typically begins in mid/late November or early December and concludes in February of the following year (although other dates can sometimes be negotiated). Students are awarded a tax-exempt scholarship for the duration of the summer research experience.

All NICTA Summer Scholars are required to attend the Summer Scholars Showcase which is held at the beginning of the research period in early December. This is an exclusive event designed to demonstrate NICTA's work in ICT and to connect participants with NICTA PhD students, researchers and ICT leaders to learn about their experiences. Opportunities for students to complete their postgraduate research training with NICTA are explored and it also provides informal networking opportunities.

The Summer Scholars Showcase is held at one of NICTA's laboratories in Sydney, Canberra, Melbourne or Brisbane. NICTA covers travel and accommodation costs to and from the venue for students attending from interstate. Details of the location and dates of the next Summer Scholars Showcase, along with other information relating to NICTA summer scholarship opportunities offered through our partner Universities, can be found at [http://www.nicta.com.au/education/outreach/summer\\_scholars\\_program](http://www.nicta.com.au/education/outreach/summer_scholars_program).



[www.nicta.com.au](http://www.nicta.com.au)



**Australian Government**  
**Department of Broadband, Communications and the Digital Economy**  
**Australian Research Council**

#### NICTA Funding and Supporting Members and Partners



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## The University of Melbourne - Summer Research Experience

Are you thinking about pursuing a career in research? The Summer Research Experience will introduce current undergraduate students to research through a summer project, with researchers from the Melbourne School of Engineering (University of Melbourne) and NICTA's Victoria Research Laboratory.

This is your chance to experience research at a world-class institute, currently ranked 21st in the world for technology (Times Higher Education Supplement) and 1st in Australia (Times Higher Education, QS and Shanghai Jiao Tong). You will have the opportunity to be a part of a community of over 500 research students and staff working on innovative projects such as the Bionic Eye, Peer to Peer Gaming, Geographic Information Systems, Tissue Engineering and Drug Delivering Nano-Technology, Neuro-Engineering for Epilepsy and Tsunami Warning Systems.

Applicants must be currently enrolled in an engineering degree at an Australian or New Zealand University and will have completed at least two years of undergraduate study by the end of this year\*. NICTA will provide a weekly studentship to successful applicants for 8-10 weeks from November to February.

Further information, eligibility criteria and application procedures can be found at <http://summer.eng.unimelb.edu.au/>.

## The Australian National University - Summer Research Scholar Program

Come to the ANU College of Engineering and Computer Science and enjoy 8-12 weeks of study on an exciting research project. Take advantage of the chance to work with some of the world's leading engineers and computer scientists at ANU and NICTA's Canberra Research Laboratory. You will receive full board at Burgmann College or John XXIII College (both on the ANU campus) from November until February, a weekly tax-free allowance and return travel to Canberra.

Projects are available in the areas of Applied Signal Processing, Artificial Intelligence, Computer Vision and Robotics and Logic and Computation, amongst others.

This offer is open to undergraduate and Honours students who are currently enrolled at a University in Australia or New Zealand\*.

Further information, eligibility criteria and application procedures can be found at <http://cecs.anu.edu.au/summer>.

## The University of New South Wales - Taste of Research Summer Scholarships

Have you ever wondered what research is about or whether you would be interested in a career in research? The Faculty of Engineering at UNSW gives students the opportunity to find out by offering Taste of Research Summer Scholarships for a period of 12 weeks from November to February each year. NICTA funds a number of scholarships in this program for projects in its two NSW laboratories.

Research areas include Networks, Optimisation, Embedded, Real-Time and Operating Systems, Software Engineering, Formal Methods, Signal Processing and Machine Learning.

The scheme is available to high achieving 3rd year undergraduate students enrolled in a full-time program (2nd year students may be considered in special circumstances) at UNSW or another Australian University\*. Both local and international students are welcome to apply.

Summer Scholarships provide a tax-exempt weekly allowance and UNSW Bachelor of Engineering students can use their Taste of Research Summer Scholarship as a contribution towards their industrial training requirements.

Further information, eligibility criteria and application procedures can be found at <http://www.eng.unsw.edu.au/information-for/current-students/undergraduates/scholarships>.

## NICTA Queensland Summer Research Scholarship Program

The Queensland Summer Research Scholarship Program is supported by NICTA's Queensland University partners - Griffith University, Queensland University of Technology and The University of Queensland - and provides promising students the opportunity to undertake work experience in a research environment. It is particularly useful for students interested in undertaking postgraduate research towards a higher degree and will provide the experience of working alongside top class researchers at NICTA's Queensland Research Laboratory.

Research in the Queensland Laboratory focuses on delivering ICT solutions around safeguarding Australia and offers projects in the areas of Video Surveillance and Face Recognition, Human Computer Interaction, Wireless Mesh Networks and Optimisation for Bioinformatics and Business Processes.

The scholarships provide a weekly allowance and are offered for a 10-week period over the summer semester, usually beginning in late November and concluding in February.

To be eligible, students must be enrolled in an undergraduate or Honours ICT program at either Griffith University, Queensland University of Technology or The University of Queensland and be completing the final year of that course\*. Local and international students are eligible to apply.

Further information, eligibility criteria and application procedures can be found at [http://www.nicta.com.au/education/scholarships/queensland\\_research\\_lab](http://www.nicta.com.au/education/scholarships/queensland_research_lab).

## The University of Sydney - Vacation Scholarships Program

Vacation Scholarships are available for interested 3rd and 4th year undergraduate students and Masters of Information Technology by coursework students to undertake projects in the School of Information Technologies and in NICTA'S NSW research laboratories. Projects are available in a variety of areas supported by NICTA's research efforts such as Software Systems, Machine Learning and Networks.

Applicants must be currently enrolled (full-time) at the University of Sydney and will have successfully completed at least two years of their course prior to the commencement of the Vacation Scholarship\*. The scholarships provide an allowance and are offered over a period of 12 weeks from December to February.

Further information, eligibility criteria and application procedures can be found at [http://sydney.edu.au/engineering/it/current\\_students/undergrad/summer\\_scholarships.shtml](http://sydney.edu.au/engineering/it/current_students/undergrad/summer_scholarships.shtml).

*\* This information serves as a guide only. Additional eligibility requirements and application procedures may be required. Please check with the relevant University.*