

The University of Auckland

Summer Scholarships

in New Zealand

The Faculty of Science at The University of Auckland will award six Northern Hemisphere Summer Scholarships in 2012. 3rd or 4th year undergraduate students from nominated universities will have the opportunity to undertake eight weeks of research on projects directed by academic staff in Auckland, New Zealand in July/August 2012. Enquiries and applications should be made by Friday 13 April 2012.



Each scholarship is worth \$NZ5000: \$NZ3500 will be paid on arrival with the remainder to be paid upon completion of a satisfactory report about the work. Successful applicants will be required to fund all expenses. Assistance in finding accommodation in Auckland will be provided. Assistance with Visa applications will also be available. Shared workspace in The University of Auckland (including internet access), the library and other University services will be available.

Summer scholarship students will be free to travel within New Zealand (at their own expense) before, during or after their scholarship work, provided 400 hours (8-10 weeks) of work is completed.

It is possible that arrangements could be made for the projects to be credit-bearing in successful applicants' home universities. A short Project Report will be required.

Terms and conditions

1. Successful applicants will be required to fund all expenses travelling to, from and while in New Zealand.
2. Sample projects displayed on this poster are not necessarily available, nor should applications be made for these projects in particular.
3. Not all academic staff will be available to supervise.



How to apply

Enquiries and applications should be made electronically before Friday 13 April 2012.

The application should contain:

- A short explanation of why you would like to undertake a Summer Scholarship in New Zealand (maximum one page).
- A copy of your academic record at university.
- A description of the general area in which you would be interested in working (maximum one page). To identify research programmes or individual researchers with whom you would like to work, visit www.science.auckland.ac.nz/pg-research.

To apply, contact Phil Cullen
(p.cullen@auckland.ac.nz)



Examples of past projects

Biology: A study of the parasites that occur in wild fish but which have implications for commercial fishing or aquaculture, for example, of salmon.

Environmental Studies: Based at the world famous Leigh Marine Reserve, a project undertaking monitoring of island ecosystems, with an emphasis on seabird-rat interactions.

Mathematics: The Centre for Mathematics in Social Science can supervise projects on Combinatorics of Simple Games and Secret Sharing Schemes. The topic could be interdisciplinary involving Mathematics, Economics, Philosophy, and Computer Science.

Mathematics Education: A project with a team that is evaluating undergraduate lecturing.

Psychology: Working with graduate students studying the cognitive neuroscience of attention

Statistics: To find the DNA variants responsible for the links between genes and disease, we sequence the genes of a large number of people. We are exploring the most efficient strategy for choosing who to sequence, using a combination of computer simulation and mathematics.