The National Institute for Applied Statistics Research Australia (NIASRA) at the University of Wollongong (UOW) is a vibrant and growing research centre, comprising 17 academic statisticians, including four professors and over 20 PhD students.

We are offering a full-time PhD scholarship in the area of statistical quantitative genetics, which aims to develop appropriate models for the analysis of multi-environment/multi-trait data-set, in order to predict both additive and total (in the case of clones) breeding values. The successful student will also develop skills in the development and implementation of innovative statistical methodology, extensive use of simulations and analysis of real data.

The successful applicant will work with UOW’s Professor Brian Cullis, Dr Paul Jefferson at Radiata Pine Breeding Company (RPBC), and Professor Robin Thompson at Queen Mary College, London. The scholarship, which is being funded by RPBC, includes a stipend that is currently worth approximately $AUD35,000 per year for three years.

Additional funds will be available to visit the RPBC in New Zealand, as well as provision of suitable computing hardware and operating funds. There may also be opportunity for overseas travel to collaborate with researchers in the UK.

Applications are open to both domestic and international applicants. To be considered you should have an Honours Class 1 degree in Statistics (or an equivalent qualification), strong research potential and be able to commence by the end of June 2013 (pending visa requirements).

Applications must include an up-to-date resume, a covering letter stating what you will bring to this role and copies of transcripts.

Email your application to Rhondalee Cambareri at rc@uow.edu.au by 22 April 2013.  
For more information about the project, contact Professor Brian Cullis on bcullis@uow.edu.au