



## PhD Scholarships: identifying wild insect pollinators using innovative technologies

Over 50 different agricultural commodities benefit from insect pollination in Australia, yet we have little knowledge of the contribution of wild insect pollinators to these services. This project aims to identify and characterise the behaviour of insect pollinating flower visitors using one or more technologies including machine learning, UAV's , sensors or tracking devices.

The project is part of a \$5.2 million grant awarded to RIRDC in collaboration with the Universities of New England, Sydney, Adelaide and other industry partners. This particular component of the project will be based at the University of New England (UNE), Armidale, NSW under the supervision of Dr. Romina Rader and Dr. Tanya Latty (USYD) and other collaborators.

We are seeking applicants with an interest and background in computer science, physics, mathematics, entomology, ecology or related field to conduct a 3-year PhD project. Applicants with a background in technology, engineering or computer science are especially encouraged to apply. The successful candidate will drive the development of exciting new technologies as well as conduct field work across the north and eastern parts of Australia in several different crops and adjoining natural vegetation. In addition, the candidate will undertake analytical and statistical work and disseminate research results to industry and the broader scientific community.

An interest in working alongside industry, a willingness to work in remote areas and the capacity to work both independently and as part of a team are important qualities. The applicant must be proficient in spoken and written English, have a current driver's license and be an Australian or New Zealand citizen (international applicants are eligible but will need to obtain a scholarship from the University of New England). Selection of applicants will be based on merit. The successful PhD candidate will receive operating funds up to 10K, a new computer and access to conference funding.

**Scholarship applications for candidates are due on the 28 January 2017, or until filled.**

To apply or enquire: Please send an email to Romina Rader ([rrader@une.edu.au](mailto:rrader@une.edu.au)) and Tanya Latty ([tanya.latty@sydney.edu.au](mailto:tanya.latty@sydney.edu.au)) with a statement of your background and interest in the project, your Curriculum Vitae and any publications.