

University of Adelaide Scholarship for Decision Support Systems in Production Animal Medicine School of Animal & Veterinary Sciences

Applications are invited for the following scholarship leading to the degree of PhD in the School of Animal & Veterinary Sciences.

Field of Study:

Decision support systems (expert systems) are likely to play an increasingly important role in decision making in veterinary medicine as technology enables improved accessibility and information processing.

The aim of this study is to:

- Develop strategies to measure the validity of database information in decision support systems
- Develop strategies which will enable the parameterisation of diagnostic capability
- Investigate the diagnostic capability using a range of pattern recognition methods
- Develop strategies to compare the performance of decision support systems against veterinarians at different levels of expertise.

This study will utilize the source data from the cattle decision support system Bovid.

Eligibility:

Applicants must be Australian Citizens or permanent residents of Australia who are acceptable as candidates for a PhD degree at the University of Adelaide. This PhD would be suitable for a biological science or veterinary graduate.

Stipend:

The scholarship will be for 3 years and has a stipend of \$23,728 per annum (indexed annually). It is likely to be tax exempt, subject to Taxation Office approval.

Enquiries:

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Applying:

Application for Admission must be submitted using the Online Application Form available at:
<https://hdrapp.adelaide.edu.au/auth/login>

Closing date:

Open until filled