This template has been developed as a guide to information that may be included on the website to advertise a scholarship linked to a specific project. Please note that not all areas of the template may be applicable, please remove these areas.

Title:
Technology and biology: never the twain shall meet?

Type:
Living allowance, operational/logistical project funds, and scholarship top-up (competitive)

Value & Duration:
TGRS or APA scholarships provide AUD $26,288 per annum (2016 rate) living allowance for 3 years, with a possible 6 month extension. This rate is indexed annually. The linked Ph.D. research project also includes substantial operational funds and logistical support, funded by a 5-year Australian Research Council grant to Prof. BW Brook (ARC Australian Laureate Fellow). An additional top-up award of $4,000 pa will also be considered for outstanding applicants, as will some support for the costs of relocation by non-Tasmanian candidates, judged on merit and need.

Closing date:
Applications close on 31st August 2016. (The student must be enrolled in the 2016 calendar year.)

The Research Project:
We have three projects available that focus on the relationship between the three focal themes of the Dynamics of Eco-Evolutionary Patterns (D.E.E.P.) research group; (wildlife, forests, and evolutionary ecology) and technology. We are interested in examining if/how technology acts a driver of detachment from nature in contemporary society. We also ask the question; "how can we better connect technology and ecology to facilitate restoration, and alternatively, what potential does the 'decoupling' of development from environmental damage hold for human activities, land-use and biodiversity conservation?" The three broad questions include:

1. Forest ecosystems: Using mobile technology to improve ecology and restoration
2. Evolutionary ecology: Role of technology in anthropogenic intensification and impacts on shaping modern ecological communities and past impacts on now-extinct fauna
3. Wildlife ecosystems: Role of technological decoupling and population change in determining human drivers of land-use change (and its biodiversity impacts)

We are also open to the possibility of exploring other projects relating to technology and biology, and welcome students to express their own research ideas.

Eligibility:
The following eligibility criteria apply to this scholarship:

- The scholarship is open to Australian (domestic) candidates and to international candidates.
- The PhD must be undertaken on a full-time basis.
- Applicants must already have been awarded a first class Honours degree or hold equivalent qualifications or relevant and substantial research experience in an appropriate sector.
- Applicants must be able to demonstrate strong research and analytical skills.

Candidates from a variety of disciplinary backgrounds are encouraged to apply. Knowledge and skills that are particularly desirable, and will be ranked highly, include:

- Ecological, evolutionary or conservation biology theory and practice
- At least basic experience in modelling, statistical packages or programming such as R
- Database management and high-level computer skills
- Work well in a team environment

Funding:
This PhD scholarship is funded by the University of Tasmania, with project support and top-up supported by an ARC *Australian Laureate Fellowship* project grant to Prof. BW Brook.

Application Process:
Applicants should complete the application via the University of Tasmania's admissions system and scholarship section (see How to Apply on the Graduate Research Future Students page) and indicate under **'Scholarship Support: Living Allowance'** that you wish to be considered for a **'UTAS merit-based scholarship for a living allowance'**

More information:
Contact Prof. Barry Brook (e: barry.brook@utas.edu.au; p: 0420 958 400) and visit http://ecological-dynamics.org for more information.