PhD Position in Insect Evolution & Behaviour

We offer a PhD position to be aligned with a recently ARC-funded project into sexual antagonistic (SA) evolution. Sexual antagonism is conflict arising due to males and females having different reproductive interests and therefore being exposed to divergent selection. Our exciting and ambitious research program will use *Eurema* butterflies (as pictured) to explore the consequences of feminizing-versus-masculinising selection on whole genomes. We will make use of a feminizing endosymbiont (*Wolbachia*) to force male genomes through bouts of female-limited selection to examine the impact on reproductive success, and will explore the consequences of SA in wild populations.

Your PhD project will be an integral part of this research, and involve:

- Fieldwork in tropical Australia
- Laboratory-based husbandry of butterflies
- Behavioural ecology
- Molecular genetics

You will be based in Sydney at Macquarie University, a vibrant and stimulating research environment, and interact with world-leaders in the study of evolutionary genetics (refer to the research links below).

The 2014 MQRES full-time stipend rate is **$25,392** per annum (tax exempt) for 3 years, with abundant opportunities for top-up through teaching scholarships. The position includes generous additional funding of up to **$20K** for research and international conference travel.

We are seeking a candidate to begin in November or December 2014; the start date is negotiable but the scholarship **must commence in 2014**.

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**We encourage high quality candidates to contact us directly:**

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