



Evo is ready for Mecho, but is Mecho ready for Evo?

Thursday 22 May 1 – 2pm

Speaker

Danielle Sulikowski

Comparative Cognition Laboratory, School of Psychology, Charles Sturt University, NSW

Location

Gould Seminar Room

(Rm 235) Gould Building (Bldg. 116),
Linnaeus Way, ANU

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This lecture is free and open to the public

RSB event information:

biology.anu.edu.au/News/Events.php



In the spirit of Evo-Devo, Evo-Mecho, the integration of function and mechanism in the study of animal behaviour, is gathering steam. This is especially true with respect to cognitive mechanisms. But the meta-theoretical issues within the field of cognitive psychology may limit the effectiveness of applying that field's current theories and perspectives to investigations of adaptive animal behaviour. I will present some of my own attempts to apply cognitive theory to foraging

ecology - investigating the cognitive mechanisms that underpin foraging in the noisy miner bird for foods with different natural distributions. I will suggest that Evo-Mecho, if it is to succeed, may need to become the impetus for a new brand of 'cognitive ecology'.

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