



Australian  
National  
University

PUBLIC LECTURE STRUCTURE

## Plants, patterns and probability

**Wednesday 23 October 2013** 1 – 2pm

---

**Professor Roderick Dewar** Plant Sciences, Research School of Biology

---

**Slatyer seminar room** R.N. Robertson Building (Bldg. 46), Linnaeus Way, ANU



In this talk I'll explore the idea that patterns in the evolutionary optimization of plant behaviour in part reflect biases due to differences in intrinsic likelihood. I'll mainly focus on the evolutionary optimization of two ubiquitous macromolecules, ATP synthase and Rubisco, although I'll also highlight the wider significance of this idea for our understanding of how complex systems self-organize and adapt to environmental change more generally.

Presented by

ANU College of  
**Medicine, Biology  
& Environment**

Contact details

E [claire.anderson@anu.edu.au](mailto:claire.anderson@anu.edu.au) T 02 612 56966

This lecture is free and open to the public

Plant Science Seminar Series information:  
[biology.anu.edu.au/News/events-ps.php](http://biology.anu.edu.au/News/events-ps.php)

CRICOS# 00120C